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CLAT 2024***Question Paper with Answers & Explanations***AILET-04 (MOCK-2439) VIOM*****English & Logical Reasoning
Passage-I***

It is now clear that as the United States of America and India embark on a relationship characterized by both as among the closest partnerships in the world, New Delhi will find itself engaged in geostrategic essays that did not feature high on its agenda until recently. While India's concerns about the Indo-Pacific have found expression through its participation in the Quadrilateral Security Dialogue, its involvement in the muddled waters of the South China Sea is also now increasing. Clearly, Washington expects this from New Delhi; as much has been made clear by America's top diplomat for East Asia, Daniel Kritenbrink. He told a Washington think-tank this week that he expects a greater US-India partnership over issues in the South China Sea, as a consequence of what is perceived as a "clear and upward" trend of Chinese coercion in an area which Beijing considers its bailiwick, to the extent of rejecting the findings of an international tribunal that ruled against it in a dispute with the Philippines. While India has participated in naval exercises in the area, this week it also decided to gift an active duty missile corvette, the INS Kirpan, to Vietnam. While India has gifted smaller boats to the Maldives and Mauritius, and a submarine to Myanmar, this is the first time it has gifted a warship to a country embroiled in a maritime dispute with China.

The Kirpan is fitted with medium- and close-range guns, chaff launchers and surface-to-surface missiles. Territorial disputes with Beijing in the South China Sea involve several countries, including Brunei, the Philippines, Indonesia, Malaysia, Taiwan and Vietnam. The nine-dash line, a set of line segments claimed by China, impacts these countries; but in addition, there are specific disputes relating to maritime boundaries, islands, reefs and shoals with several of them. In addition, China has disputes with Japan in the East Asia Sea. And, finally, there is the question (1) China's claim (2) Taiwan, and its determination (3) reclaim the territory. India, of course, has no claims in the area, but has partnered with Vietnam in several joint military exercises and sold weapons to the Philippines.

The gift of a missile corvette is clearly aimed at aiding efforts to counter what have been termed "unsafe manoeuvres" by Chinese vessels in Vietnam's exclusive economic zone. Mr. Kritenbrink was quite firm in asserting that India would play a greater role in the South China Sea as part of its Quad commitments. The message thus seems to be that India will join hands with other nations in its efforts to counter China, and not restrict itself to border and other disputes that have dogged ties for years. India is aware that China is sensitive to the presence of other navies in the South China Sea, but that has not stopped it from gifting the corvette "to assist a like-minded partner" in "enhancing capacity and capability." The stakes have been raised.

<https://www.thestatesman.com/opinion/choppy-sea-1503195409.html>

Section - A: English

1. Which of the following is true according to the passage?
- China has reclaimed the territory of Taiwan.
 - The maritime boundaries of several countries in the East Asia region are disputable.
 - India has been playing a strategic and crucial role in the QUAD countries.
 - India and Vietnam have joined hands against Philippines.
2. Which of the following sentences is a grammatically correct one?
- The gift of a missile corvette is clearly aimed at aiding efforts for countering what have been termed “unsafe manoeuvres” of Chinese vessels in Vietnam’s exclusive economic zone.
 - The gift of a missile corvette is clearly aimed at aiding efforts to counter what have been termed “unsafe manoeuvres” of Chinese vessels in Vietnam’s exclusive economic zone.
 - The gift of a missile corvette is clearly aimed at aiding efforts to counter what have been termed “unsafe manoeuvres” by Chinese vessels in Vietnam’s exclusive economic zone.
 - The gift of a missile corvette is clearly aimed at aiding efforts for countering what have been termed “unsafe manoeuvres” by Chinese vessels in Vietnam’s exclusive economic zone.
3. As understood from the passage which of the following is the correct meaning of the word ‘bailiwick’?
- Prerogative
 - Subservience
 - Subjugation
 - Jurisdiction
4. Which of the following combinations of prepositions can fill in the blanks (1), (2) and (3) to make the underlined sentence grammatically correct?
- on; over ; to
 - of; over; to
 - for; on ; to
 - of ‘ on ; for
5. The word ‘ dogged’ can best be contextually understood from the passage as being:
- Audacious
 - Sincere
 - Persuade
 - Resolute

Section - B: Logical Reasoning

6. Statement I: It is now clear that as the United States of America and India embark on a relationship characterized by both as among the closest partnerships in the world.
Statement II; New Delhi will find itself engaged in geostrategic essays that did not feature high on its agenda until recently.
- Statement I is a fact and statement II is an assumption
 - Statement II is a premise and statement I is the conclusion.
 - Statement I is a premise and statement II is
 - Statement I is an Inference and statement II is an assumption.

- 7.** What can be inferred from the last sentence, “The stakes have been raised”?
- There are more nations as stakeholders now in the matters of China.
 - People and nations have invested much more than before.
 - There has been an increase in the risks and considerations while taking decisions
 - The output and the benefits have increased.
- 8.** Which of the following has been rightly concluded from the passage except?
- New Delhi’s agenda includes recent geostrategic changes.
 - India’s involvement in the South China Sea matters is on the rise.
 - Expectation of U.S. for India’s increased role in South China Sea has heightened,
 - India has gifted warships several times to countries in dispute to with China.
- 9.** Which of the following can be rightly inferred from the passage?
- China has agreed to the tribunal that ruled in the dispute with the Philippines.
 - India has made joint claims along with Vietnam in the East Asia region.
 - India is becoming more strategically interactive with the west on the matters of East Asia.
 - All of the above
- 10.** Which of the following can be the assumption made by Mr. Kritenbrink?
- India is not unaware of China’s naval strength.
 - China’s claims over Taiwan will be weakened with the strengthening of U.S.-India ties.
 - India is interested in the Quad commitments.
 - India is not much interested in countering China.
- 11.** Classify the following sentences as Fact, Inference and Judgement. Mark the sentence as a Fact if it is verifiable. Mark the sentence as Inference if it is logically deduced. Mark the system as a Judgement if it is an opinion.
- Statement i - He told a Washington think-tank this week that he expects a greater US-India partnership over issues in the South China Sea.
- Statement ii - It is now clear that as the United States of America and India embark on a relationship characterized by both as among the closest partnerships in the world, New Delhi will find itself engaged in geostrategic essays that did not feature high on its agenda until recently.
- Statement iii - Mr. Kritenbrink was quite firm in asserting that India would play a greater role in the South China Sea as part of its Quad commitments.
- FIJ
 - JFF
 - JIF
 - FJI
- 12.** Classify the following sentences as Fact, Inference and Judgement. Mark the sentence as a Fact if it is verifiable. Mark the sentence as Inference if it is logically deduced. Mark the system as a judgement if it is an opinion.
- Statement i - The message thus seems to be that India will join hands with other nations in its efforts to counter China, and not restrict itself to border and other disputes that have dogged ties for years

Statement ii – While India has gifted smaller boats to the Maldives and Mauritius, and a submarine to Myanmar, this is the first time it has gifted a warship to a country embroiled in a maritime dispute with China.

Statement iii - The gift of a missile corvette is clearly aimed at aiding efforts to counter what have been termed “unsafe manoeuvres” by Chinese vessels in Vietnam’s exclusive economic zone.

- (a) JIF
- (b) IFI
- (c) FFI
- (d) JFI

Passage-II

In a serene suburban neighborhood, there's a large and convoluted family, known for its vibrancy and diverse characters. This big family consists of nine members: Mr. Albert, his wife Mrs. Barbara, their two children Charlie and Daisy, Mrs. Barbara's brother Mr. Edward, Mr. Edward's wife Mrs. Fiona, their son George, and finally, Mrs. Barbara and Mr. Edward's parents, Mr. Henry and Mrs. Isabelle. The household is usually teeming with life, full of laughter, and love. Each of them has their distinct personalities which makes the family dynamic incredibly rich. Mr. Albert, the head of the family, is a renowned lawyer. His charismatic nature and keen sense of justice make him a respected figure in the family. His wife, Mrs. Barbara, is a caring and devoted woman who keeps the family together with her warmth and affection. Their two children, Charlie and Daisy, are as different as night and day. Charlie, the elder son, is an introverted and curious individual who always has his nose buried in books. Daisy, the younger one, is full of energy and has a vibrant personality that lights up the room. Mr. Edward, Mrs. Barbara's brother, is a professor of history at a local university. Known for his scholarly intellect and dry humor, he is loved by all in the family. His wife, Ms. Fiona, is a successful entrepreneur, who runs her own boutique. They have a son, George, who has a deep love for animals and dreams of becoming a vet someday.

Finally, the head of the extended family is Mr. Henry, who is a retired military officer. His discipline and order reflect in the family values. Mrs. Isabelle, his wife, is a warm-hearted woman known for her delicious cooking. Even at this age, they are both actively involved in the family affairs, instilling wisdom and love in the younger generations. The bonds they share are firm and enduring, and their relationships are a complex web of emotions and mutual support. The household is a testament to their unity, where everyone contributes their part to maintaining harmony. They have their differences and disagreements, but they always come together in times of need, reinforcing their love and respect for each other. This is a story of their intertwining lives, a story of family and the beautiful connections they share.

Section - A: English

13. What according to the author is essential about the experience of being a family member in this household?

- (a) There is a certain requirement for a specific career.
- (b) The experience relies on one's personal achievements.
- (c) It revolves around maintaining discipline and order.
- (d) It is necessary to have a vibrant personality.

14. All the following pairs of words are synonyms, except:

- (a) Teeming – Full
- (b) Renowned - Respected
- (c) Vibrant – Introverted
- (d) Keen – Eager

15. What use was the discipline and order of Mr. Henry to the author?

- (a) It served as a way to control the family.
- (b) It was a source of conflict within the family.
- (c) It reflected the family values and influenced the household.
- (d) It was irrelevant to the author.

16. What does the word ‘convoluted’ as used in the passage, mean?

- (a) Simple and straightforward
- (b) Twisted or complex
- (c) Negative or harmful
- (d) Enthusiastic or vibrant

17. What can be inferred about the role of Mrs. Isabelle in the family?

- (a) Mrs. Isabelle was assumed to be the primary decision-maker in the family.
- (b) Mrs. Isabelle was assumed to be distant and uninvolved in family affairs.
- (c) Mrs. Isabelle was assumed to contribute through her delicious cooking and active involvement in family affairs.
- (d) Mrs. Isabelle was assumed to have a strict and disciplined approach to family matters.

Section - B: Logical Reasoning

18. How is George related to Charlie?

- (a) Brother
- (b) Cousin
- (c) Uncle
- (d) Nephew

19. Who is the brother-in-law of Ms. Fiona?

- (a) Mr. Albert
- (b) Charlie
- (c) Mr. Edward
- (d) Mr. Henry

20. How is Daisy (female) related to Mrs. Isabelle?

- (a) Granddaughter
- (b) Daughter
- (c) Niece
- (d) Sister

21. Who is the mother of George?

- (a) Mrs. Barbara
- (b) Mrs. Isabelle
- (c) Ms. Fiona
- (d) Daisy

Directions (22-24): Study the following information to answer the given questions:

Eight persons Albert, Barbara, Charlie, Daisy, Edward, Fiona, Henry and Isabelle are sitting around a circular table facing towards the centre, but not necessarily in the same order. Each of them likes different Flower, viz., Jasmine, Rose, Lotus, Lily, Marigold, Hibiscus, Balsam and Tulip, but not necessarily in the same order.

The person who likes Jasmine flower is sitting third to the right of Barbara. There are three persons between the persons who like Jasmine flower and Balsam flower respectively. Barbara is an immediate neighbour of that person who likes Lotus flower. There are two persons between the person who likes Lotus flower and Albert. Daisy is to the immediate left of Isabelle. Isabelle does not like Balsam flower or Jasmine flower. Isabelle is an immediate neighbour of Albert. Daisy does not like Lotus flower. Charlie is sitting second to the right of Henry. Charlie does not like Lotus and Balsam flower. Edward does not like Balsam flower or Lotus flower. The person who likes Rose flower is an immediate neighbour of the person who likes Hibiscus flower. The person who likes Hibiscus flower is second to the left of Albert. The person who likes Tulip flower is an immediate neighbour of both Charlie and the person who likes Lotus flower. Barbara does not like Lily flower.

22. If all the eight persons are made to sit in alphabetical order in anticlockwise direction starting from Albert, positions of how many will remain unchanged (excluding Albert)?

- (a) None
- (b) One
- (c) Two
- (d) Three

23. What is the position of Edward with respect to Albert?

- (a) Immediate left
- (b) Fourth to the right
- (c) Third to the left
- (d) Third to the right

24. Which of the following statements is/are true about Isabelle?

- (a) Isabelle likes Rose flower.
- (b) Isabelle is sitting exactly between the people who likes Hibiscus flower and Lily flower.
- (c) Isabelle is sitting third to the left of the person who likes Marigold flower.
- (d) All the statements are true.

Passage-III

Once upon a time, in a city known as Crypton, everyone communicated through coded messages. The tradition began long ago when the town was established by Professor Codebreak, a brilliant linguist and cryptographer. He believed that using code for everyday communication would encourage the residents to keep their minds sharp. The city had several neighborhoods, each having a different code for communication. These included the Fibonacci Folks, the Alphabet Alternates, the Sequence Shifters, and the Number Nurturers. In Fibonacci Folks, people used Fibonacci series to encrypt messages. The letter 'A' was represented as 1, 'B' as 1, 'C' as 2, and so forth following the Fibonacci series pattern. If the letter was beyond 'Z', they used modular arithmetic to loop back to 'A'. In Alphabet Alternates, they used alternating code patterns for words. For instance, the first letter would be one step ahead in the alphabet, the second letter

would be one step back, the third one step ahead again, and so on. So, 'A' would become 'B', 'B' would become 'A', 'C' would become 'D', 'D' would become 'C', and so forth.

The Sequence Shifters were a bit different. They assigned each letter a number from 1 to 26, representing 'A' to 'Z', then shifted these numbers based on a defined sequence. For example, the sequence might be 3,2,1, meaning to shift the first letter of a word three places, the second two places, and the third one place, and then start the sequence over again for the fourth letter. Finally, the Number Nurturers represented each letter with its corresponding number in the alphabet but reversed the order of numbers in a word. So, 'CAB' would be written as '312' and then reversed to become '213'. Despite their different systems, the people of Crypton coexisted harmoniously, swapping coded messages and indulging in cryptic competitions. The city buzzed with the magic of cryptography, with its secrets safely locked in the minds of its people. As generations passed, the art of code-breaking became as natural to them as breathing, keeping their minds alert and alive. Professor Codebreak's idea had not only made Crypton unique but also sparked intellectual growth in its citizens. The town stood as a testament to the power of codes, showcasing a successful blend of communication, intellect, and community.

Section - A: English

25. Which of the following options captures the meaning of the last sentence best?

- (a) The town showcased the importance of coding in communication and the intellectual development of its citizens.
- (b) The city of Crypton was a hub for codebreakers worldwide.
- (c) The city of Crypton was a secretive place with an insular culture.
- (d) The town was a testament to the eccentricity of Professor Codebreak.

26. Select the option that correctly completes the following analogy: Fibonacci Folks: Fibonacci series :: _____ : _____

- (a) Alphabet Alternates: Alphabetical order.
- (b) Sequence Shifters: Defined sequence shift.
- (c) Number Nurturers: Reverse number representation.
- (d) Professor Codebreak: Cryptography.

27. Which of the following is a metaphor used in the passage?

- (a) The city buzzed with the magic of cryptography.
- (b) The town stood as a testament to the power of codes.
- (c) As generations passed, the art of code-breaking became as natural to them as breathing.
- (d) The city had several neighborhoods, each having a different code for communication.

28. "The town stood as a testament to the power of codes, showcasing a successful blend of communication, intellect, and community." — In elaboration of this sentence, which of these options follows?

- (a) The town was a perfect example of a utopian society.
- (b) The town's communication system was a successful mix of intellectual stimulation, effective communication, and community bonding.
- (c) The city of Crypton was a mysterious place known only to its inhabitants.
- (d) The city of Crypton was famous for its large libraries and educational institutions.

- 29.** Select the option that negates the given opinion, based on the textual information: "The communication system in Crypton was designed to exclude outsiders."
- (a) Crypton's communication system was intentionally complex to deter foreign spies.
 - (b) Crypton's communication system was developed as an intellectual exercise for the citizens.
 - (c) The codes in Crypton were simply a part of their cultural heritage with no practical use.
 - (d) Crypton's residents were forbidden to communicate in any language other than their codes.

Section - B: Logical Reasoning

- 30.** If the communication systems in Crypton were designed for stimulating intellectual growth, which of the following statements is true?
- (a) The residents of Crypton were discouraged from communicating in simple languages.
 - (b) Crypton had a higher literacy rate compared to other cities.
 - (c) The residents of Crypton had a natural proficiency for code-breaking.
 - (d) The Crypton communication systems were intended to exclude outsiders.
- 31.** What was the assumption about the communication system in Crypton?
- (a) It was confusing and led to a lot of misunderstandings.
 - (b) It was an effective way of transmitting information.
 - (c) It was a way to keep the citizens' minds sharp and alert.
 - (d) It was a secretive language that outsiders couldn't comprehend.
- 32.** If a resident from the Fibonacci Folks neighborhood sends the message "BEAM", how would a resident from the Alphabet Alternates neighborhood interpret this message?
- (a) AFBN
 - (b) BEDL
 - (c) BFDN
 - (d) ADZO
- 33.** If a resident from the Number Nurturers neighborhood receives a message encoded as "13524", how would they interpret this message?
- (a) CEATO
 - (b) ZBYDP
 - (c) ADZOT
 - (d) DBECA
- 34.** If a resident from the Sequence Shifters neighborhood receives a message encoded as "CODE", how would they interpret this message, using the sequence 3,2,1 for shifting?
- (a) FQEH
 - (b) DHOF
 - (c) FQJE
 - (d) IJPC
- 35.** Each of the six Fibonacci Folks neighborhoods P, Q, R, S, T and U has a different weight. R is heavier than T but lighter than U. Q is lighter than only P. T is not the lightest. T Weights 50 kg. The one who is the third heaviest weights 63 kg. Whose weight could possibly be 49 kg?

- (a) S
- (b) Q
- (c) P
- (d) R

36. If Sequence Shifters neighborhood drives his car 50 km towards east direction. He turned right and drive for 30 km, then he turned West and drive for 10 km. How far is he from the starting point?

- (a) 50 km
- (b) 60 km
- (c) 100 km
- (d) 20 km

Passage-IV

Section 220 of Code of Criminal Procedure- If, in one series of acts so connected together as to form the same transaction, more offences than one are committed by the same person, he may be charged with, and tried at one trial for, every such offence.

The Supreme Court has ruled that whether two or more acts constitute the same transaction for the purpose of being tried together under Section 220 of the Code of Criminal Procedure is a question of fact. The court dismissed an appeal that challenged the order of the Uttarakhand High Court, which upheld the decision of the Court of Sessions Judge, Chamoli to discharge the accused in respect of a set of offences for want of jurisdiction. The Sessions Court discharged the accused because the offences alleged by the appellant did not met the requirement of Section 220 Cr.P.C. for being tried together. The Supreme Court held that the offences under Sections 376, and 380 IPC did not form 'one series of acts so connected together as to form the same transaction' for the purpose of trial together in terms of Section 220 CrPC. The complaint raised allegations of different offences, of different nature, and at different places of occurrence, but committed by the same person and against the same person. One set of allegations was that of the offence of rape in Delhi, and the other was of theft in the dwelling house which happens to be hers in her village in Chamoli. The Court referred to its previous judgment in Mohan Baitha And Ors. v. State of Bihar And Anr. and noted that there is no formula of universal application to determine when two or more acts could be considered to constitute the 'same transaction.' However, certain core elements like proximity of time, unity or proximity of place, continuity of action, and community of purpose or design can be considered.

Applying the same to the facts of the present case, the Court noted that the sexual offence took place at Delhi in February/March 2016, whereas the other offences took place around November 2016 at Chamoli. Therefore, they cannot be said to be proximate in time or place. Moreover, the alleged act of rape was completed in Delhi, as there was no allegation of continuance of such activity at Chamoli, and there was also no relation with the incident of theft in dwelling house of hers, of which the accused had no knowledge that the house belonged to her in Chamoli. Therefore, the Court held that the two sets of offences are not connected and do not form the same transaction.

A person who has once been tried by a Court of competent jurisdiction for an offence and convicted or acquitted of such offence shall, while such conviction or acquittal remains in force, not be liable to be tried again for the same offence. The accused cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy enshrined in the fundamental right of Article 20(2) of the Constitution of India and Section 300 of the Cr.P.C. but an appeal against such order can be made to the upper court.

Section - A: English

37. According to the passage, which of the following is a grammatically correct statement?

- (a) The Sessions Court discharged the accused because the offences alleged on the appellant did not meet the requirement of Section 220 Cr.P.C. for being tried together.
- (b) The Sessions Court has discharged the accused because the offences alleged by the appellant did not meet the requirement of Section 220 Cr.P.C. for being tried together.
- (c) The Sessions Court had discharged the accused because the offences alleged by the appellant did not meet the requirement of Section 220 Cr.P.C. for being tried together.
- (d) The Sessions Court had discharged the accused because the offences alleged by the appellant did not meet the requirement of Section 220 Cr.P.C. for being tied together.

38. Which of the following is the correct contextual meaning of the word 'enshrined' as used in the passage?

- (a) Preserved
- (b) Consecrated
- (c) Cherished
- (d) Protected

39. Which of the following factors is considered to constitute two acts to be the 'same transaction' except?

- (a) Proximity of time
- (b) Unity of place
- (c) Discontinuity of action
- (d) Intention and purpose

40. Which of the following is true as per the passage?

- (a) Vidhur, who has once been tried by a Court of competent jurisdiction for an offence and acquitted of such offence is, while such conviction or acquittal remains in force, liable to be tried again for the same offence. He cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy
- (b) Vidhur has once been tried by a Court of competent jurisdiction for an offence and convicted of such offence was, while such conviction or acquittal remains in force, not liable to be tried again for the same offence. He cannot be subjected to retrial as it would be in derogation of the principle of double jeopardy.
- (c) Vidhur, who has been tried by a Court of competent jurisdiction for an offence and acquitted of that offence is, while such conviction or acquittal remains in force, liable to be tried again for the same offence but an appeal against such order cannot be made to the upper court.
- (d) Vidhur, who has been tried by a Court of competent jurisdiction for an offence and acquitted of that offence is, while such conviction or acquittal remains in force, not liable to be tried again for the same offence but an appeal against such order cannot be made to the upper court.

41. Which of the following can reflect the purpose of the author?

- (a) To discuss a case in the Uttarakhand High Court.
- (b) To state an argument considering when two acts constitute the 'same transaction.' as per the constitution.
- (c) To explain the Section 220 of Code of Criminal Procedure with an illustration.
- (d) To elaborate on a ruling given by The Supreme Court.

Section - B: Logical Reasoning

42. Which of the following is not true in a case when 'a person has once been tried by a Court of competent jurisdiction for an offence' as per the Constitution?

- (a) The accused cannot be subjected to retrial for the same offence.
- (b) Appeal against such order cannot be made to the upper court.
- (c) Appeal against such order can be made to the upper court.
- (d) A retrial would be in derogation of the principle of double jeopardy.

43. Which of the following is a logically concluded statement, as per the passage?

- (a) The Court holds that two sets of offences if connected do not form the same transaction.
- (b) In an ongoing trial the convict can be tried for another offence too.
- (c) If Vidhan commits more offences than one he may be charged with and tried at one trial for all the offences together.
- (d) None of the above

44. Vidhan is accused of two sets of offences against Vidhi. The first offence is an assault that took place in Mumbai in January 2022, while the second offence is theft of Vidhi's personal belongings in Chennai in June 2022. The prosecution is seeking to try Vidhan for both offences together under Section 220 of the Code of Criminal Procedure. Can Vidhan's offences of assault and theft be tried together under Section 220 of the Code of Criminal Procedure?

- (a) Yes, because both offences were committed by the same person and against the same person.
- (b) No, because the offences took place at different times, in different cities and in no relation to each other.
- (c) Yes, because the offences are of a similar nature and committed by same individual against the same individual.
- (d) No, because there is continuity of action between the offences and both offences were committed by the same person and against the same person.

45. Vidhan has been made accused before the Trial Court of Delhi for two offences against Vidhi, namely, trespassing into her house in Delhi while she was not in house in the end of April 2022 and threatening her over the phone when she was in her hometown in Jaipur in the first week of May 2022. He has taken some private photos of Vidhi kept in her cupboard while he trespassed and was threatening her to leak them on internet. Vidhan was acquitted of both the charges by the Delhi court. The prosecution is now seeking to try him for the offence of threatening Vidhi in a Jaipur court as she was threatened there by phone call. Can Vidhan be tried for the offence of threatening Vidhi in Jaipur?

- (a) Yes, because the offences took place in different cities and at different time frame.
- (b) Yes, because the offences are of a different nature as one relates to property and other relates to her reputation.
- (c) No, because according to Vidhan, he has not committed any offence. Therefore he cannot be tried anywhere for such offences.
- (d) No, because he has already been tried and acquitted and trying him again would violate the principle of double jeopardy.

46. Vidhi accuses Vidhan of committing two offences against her: theft of her purse in the morning and physically assaulting her in the evening when he called her to meet in lieu to return the purse. Vidhi states that Vidhan stole her purse as a means to pressurize her into meeting him, where the assault took place. The prosecution seeks to try Vidhan for both offences in a single trial. Can Vidhan be tried for both offences together under Section 220 of the Code of Criminal Procedure, considering whether they constitute the 'same transaction'?

- (a) Yes, because both offences were committed by the same person and against the same person.
- (b) Yes, because the offences share a continuity of action by the Vidhan against Vidhi.
- (c) No, because the offences took place at different times of the day.
- (d) No, because the offences are of different nature and not related to each other.

47. Vinil is accused of committing fraud against Vidhan in Delhi in March 2022 and against Rohit in Hyderabad in April 2022. Vinil is tried and acquitted in Delhi for the fraud committed against Vidhan. Subsequently, the prosecution seeks to try Vinil in Hyderabad for both the fraud offences committed against Vidhan and Rohit. Can Vinil be tried for the offence of fraud committed against Vidhan in Hyderabad?

- (a) Yes, because he has committed same offence of theft against different persons.
- (b) Yes, because the court of Hyderabad would efficiently decide both the cases together.
- (c) No, because the offences of theft were committed at different time frame and against different persons.
- (d) No, because Vinil has already been acquitted for the fraud offence against Vidhan in Delhi.

48. Which of the following statement would not be untrue in the light of the legality prescribed under the passage?

- I. The accused if charged for an offence before a Trial Court and convicted by that court for the offence, cannot be tried again for the same offence till such order is in action.
- II. The accused if charged for an offence before a Trial Court and acquitted by that court for the offence, cannot be tried again for the same offence till such order is in action but it can be appealed.
- III. The offences can be considered to be in same transaction even if committed at different time or place if there is a common purpose or continuity of action underlying them.
- IV. The principle of double jeopardy is a facet of human rights of the accused person as it prevents him for unwarranted trials.

- (a) I and II.
- (b) I and III
- (c) II and IV
- (d) All of the above

Passage-V

In the world of professional tennis, mastery extends beyond the mere act of hitting a ball over a net. Indeed, a player's ability to assess their opponent's strategy, exploit weaknesses, and adapt to changing conditions is as critical to winning a match as their physical prowess. Consider the grueling five-set contest at Wimbledon 2023, where renowned veterans Adam Fletcher and Gustavo Mireles, known for their distinct playing styles, faced off. Fletcher, the top seed, was an aggressive player. His power serves frequently exceeded 130 mph, and his topspin-heavy groundstrokes often pushed

opponents deep behind the baseline. Off the court, he had an unrivaled training regimen to maintain his strength, allowing him to maintain these offensive tactics throughout long matches. On the other hand, Mireles was famous for his defensive strategies. He was a counter-puncher, capable of chasing down any ball, returning it with accuracy and poise. Although he couldn't match Fletcher's raw power, Mireles possessed superior agility and stamina, which allowed him to outlast opponents during long rallies. His patience and intelligence on the court often frustrated opponents into making errors. During their encounter, Fletcher and Mireles exhibited these characteristic traits. Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game. Mireles, on the other hand, focused on keeping the ball in play and moving Fletcher around the court, hoping to wear him down and force him into errors. The match extended into a fifth set, each player adjusting their strategies as the game progressed. Fletcher aimed to preserve his energy, placing greater emphasis on his first serve and seeking opportunities to approach the net for easy volleys. Mireles, recognizing this, started to use more defensive lobs and passing shots to keep Fletcher off the net. Throughout the match, both players exhibited mental resilience and physical endurance, adjusting to the fluctuating momentum of the game. Fletcher's power and Mireles's defense resulted in a thrilling contest that will be remembered as one of the great clashes of tennis history. The match showcased the strategic depth of tennis, where the complex interplay of physical strength, tactical thinking, and adaptability determined the outcome. It underlined the fact that tennis, like many sports, is not just about athletic prowess but also about strategic intelligence, resilience, and the ability to adapt.

Section - A: English

49. Which of the following categories best describes this piece of writing?

- (a) Personal Anecdote of a tennis player
- (b) Game Analysis in a sports magazine
- (c) Historical Review of Tennis
- (d) Sports article in a journal

50. Based on the phrase "His power serves frequently exceeded 130 mph, and his topspin-heavy groundstrokes often pushed opponents deep behind the baseline," what can be inferred about Adam Fletcher's playing style?

- (a) Fletcher's playstyle is primarily defensive.
- (b) Fletcher prefers a balanced approach between offense and defense.
- (c) Fletcher's playstyle is aggressive and offensive.
- (d) Fletcher relies on long rallies to exhaust his opponents.

51. If Gustavo Mireles's playstyle is correct as described in the passage, which of the following statements is true?

- (a) Mireles relies heavily on his power serves to control the game.
- (b) Mireles seeks to end the points quickly by hitting aggressive groundstrokes.
- (c) Mireles prefers to play aggressively, often pushing his opponents deep behind the baseline.
- (d) Mireles excels in defensive strategies, often frustrating his opponents into making errors.

52. "What does the word 'interplay' as used in the passage, mean?

- (a) Conflict
- (b) Cooperation
- (c) Interchange
- (d) Intrusion

53. "Mireles, recognizing this, started to use more defensive lobs and passing shots to keep Fletcher off the net." This sentence implies that:

- (a) Mireles was unable to match Fletcher's aggressive play style.
- (b) Mireles had to change his strategy based on Fletcher's game plan.
- (c) Mireles was losing the match and desperately trying new tactics.
- (d) Mireles was not a skilled enough player to take control of the match.

Section - B: Logical Reasoning

54. Which of the following tactics were NOT employed by Adam Fletcher during his match against Gustavo Mireles in Wimbledon 2023?

- (a) Relying on his power serves to control the game.
- (b) Attempting to end points quickly with aggressive groundstrokes.
- (c) Consistently approaching the net for easy volleys.
- (d) Exploiting Mireles's lack of power in his serves.

55. If a third player, Luke Davis, were to play against Adam Fletcher and Gustavo Mireles, given that Luke Davis' game is a perfect balance between power and defense, but he lacks the mental resilience, who is he likely to fare better against?

- (a) He is likely to fare better against Adam Fletcher.
- (b) He is likely to fare better against Gustavo Mireles.
- (c) He is equally likely to fare well against both players.
- (d) Cannot be determined from the passage.

56. If a new player, Mia Thornton, with a playstyle that mirrors Gustavo Mireles's defensive strategies and Adam Fletcher's mental resilience, competes against both players, against whom will she likely perform better?

- (a) She is likely to perform better against Gustavo Mireles.
- (b) She is likely to perform better against Adam Fletcher.
- (c) Her performance will be equally good against both players.
- (d) It cannot be determined from the passage.

57. Based on their styles of play, which player would likely win in a match where the court conditions significantly slow down the speed of serves and groundstrokes?

- (a) Adam Fletcher.
- (b) Gustavo Mireles.
- (c) Both players would have equal chances of winning.
- (d) It cannot be determined from the passage.

58. If Adam Fletcher and Gustavo Mireles were to form a doubles team, their combined strategy would most likely involve:

- (a) Adam playing at the net and Gustavo at the baseline, with both playing defensively.
- (b) Adam playing at the net and Gustavo at the baseline, with Adam playing aggressively and Gustavo playing defensively.
- (c) Gustavo playing at the net and Adam at the baseline, with both playing aggressively.
- (d) Adam and Gustavo both playing at the net with aggressive strategies.

59. Given their distinct playing styles, which player would be likely to perform better in an extremely high-pressure situation, such as a championship point in a grand slam final?

- (a) Adam Fletcher would likely perform better.
- (b) Gustavo Mireles would likely perform better.
- (c) Both players would perform equally well.
- (d) It cannot be determined from the passage.

60. Which player is more likely to adapt his strategy if he were to play against an opponent who has a very powerful serve and aggressive groundstrokes, similar to Adam Fletcher's style?

- (a) Adam Fletcher would be more adaptable.
- (b) Gustavo Mireles would be more adaptable.
- (c) Both players would be equally adaptable.
- (d) It cannot be determined from the passage.

Passage-VI

Social Insurance is one of the devices to prevent individual from falling to the death of poverty, misery and to help him in times of emergencies. Insurance involves the setting aside of some money in order to provide compensation against loss resulting from a particular emergency. Thus, social insurance is a co-operative device which aims at granting adequate benefits to the insured on the compulsory basis in time of unemployment, sickness and other emergencies. Sir William Beveridge has defined social insurance as giving in returns for contribution benefits upto substance level as of right and without means test so that individual may build freely upon it. Thus social insurance implies both that it is compulsory and that men stand together with their fellows.

This is based on the principles of compulsory mutual aid. The principal elements of social insurance are:

- i) Social insurance is financed by contributions which are normally shared between employers and workers, with perhaps, state participation in the form of a supplementary contribution or other subsidy from the general revenue.
- ii) Participation is compulsory with few exceptions.
- iii) Contributions are accumulated in special funds out of which benefits are paid.
- iv) Surplus funds not needed to pay, current benefits are invested to earn further income.
- v) A person's right to benefit is secured by his contribution record without any test of need or means.
- vi) The contribution and benefit rates are often related to what the person is or has been earning.

Social assistance refers to the assistance rendered by the society to the poor and needy persons voluntarily without placing any obligation on them to make any contribution to be entitled to relief such as workmen's compensation, maternity benefit and old age pension etc. Thus, one may say that a social assistance scheme provides benefits for persons of small means granted as of right in amount sufficient to meet a minimum standard of need and financed from taxation.

Social assistance represents the unilateral obligations of the community towards its dependant group. It is provided by the society or the government to the poor and needy individual. The principal feature of social assistance are (1) the whole cost of the Programme is met by the State and local units of Government (2) benefits are paid as of

legal right in prescribed categories of need (3) in assessing need, a person's other income and resources are taken into account certain resources such as a reasonable level of personal savings are disregarded and (4) the benefit grant is designed to bring a person's total income upto a community determined maximum taking into account other factors such as family size and unavoidable fixed obligations such as rent grants are not related to applicant's previous earnings or customary standard of living. The difference between social insurance and social assistance are as follows:

- a) Social assistance is purely a government affair while social insurance is partly financed by the State.
- b) Social assistance is given gratis while social insurance is granted to those persons who pay a contribution.
- c) Besides, a social insurance does not insist upon a means test and benefits are granted without it while social assistance is granted only if certain conditions prescribed by the Government are fulfilled.

Source: <https://www.omicsonline.org/open-access/social-security-and-social-insurance->

Section - A: English

61. "Sir William Beveridge has defined social insurance as giving in returns for contribution benefits upto substance level as of right and without means test so that individuals may build freely upon it." What does Beveridge expect an individual to 'build' upon the insurance?

- (a) Home
- (b) A better life
- (c) Career
- (d) Nation

62. Select the appropriate option to complete the sentence:

The primary target of social assistance is _____ .

- (a) To socially immune the needy.
- (b) To socially educate the poor.
- (c) To promote subscription to social insurance among the poor.
- (d) To include everyone under social insurance.

63. "Participation is compulsory with few exceptions." This statement is an example of:

- (a) Hyperbole
- (b) Antithesis
- (c) Sarcasm
- (d) Pun

64. "Social assistance is purely a government affair while social insurance is partly financed by the State." Therefore, we may conclude that government is:

- (a) Irresponsible
- (b) Pessimistic
- (c) Partial
- (d) Strategic

65. “Social assistance is given gratis while social insurance is granted to those persons who pay a contribution.” In this statement, the underlined word can be replaced by:

- (a) Uniformly
- (b) Free of cost
- (c) Without discrimination
- (d) Periodically

Section - B: Logical Reasoning

66. Which of the following is an analogy to the principle of social insurance?

- (a) Paying taxes for public services
- (b) Buying shares in a company
- (c) Donating to a charity
- (d) Taking a loan from a bank

67. Based on the passage, what is the primary source of funding for social assistance programs?

- (a) Contributions from beneficiaries
- (b) Donations from private organizations
- (c) Taxation by the government
- (d) Donations from wealthy individuals

68. How are social assistance benefits determined in relation to a person's income?

- (a) Benefits are fixed and do not consider a person's income or resources.
- (b) Benefits are decided based on a person's other income and resources.
- (c) Benefits are decided based on a dependent's other income and resources.
- (d) Benefits are determined solely by a person's previous earnings.

69. Consider the given Assumptions and Conclusion and mark the correct combination:

Assumption i) People are willing to contribute to the social insurance fund.

Assumption ii) The social insurance system is well-managed to ensure adequate benefits.

Conclusion: Social insurance effectively provides a safety net for individuals in times of need.

- (a) The assumptions are likely to be true, and the conclusion follows.
- (b) The assumptions are likely to be true, but the conclusion does not follow.
- (c) The assumptions are unlikely to be true, but the conclusion follows.
- (d) The assumptions are unlikely to be true, and the conclusion does not follow.

70. Social insurance can be compared to which of the following situations?

- (a) Contributing to a retirement savings account
- (b) Volunteering at a local shelter
- (c) Playing the lottery
- (d) Borrowing money from a friend

71. Based on the given Statement, mark the most logical and possible Course of Action as the answer.

Statement: The government should introduce incentives to encourage more individuals to participate in social insurance programs.

Course of Action:

- (a) Increase the contribution rates for high-earning individuals to ensure sufficient funds in the social insurance system.
- (b) Reduce the benefit rates for low-earning individuals to balance the financial burden of the social insurance programs.
- (c) Provide tax deductions or credits to individuals who actively contribute to social insurance funds.
- (d) Impose penalties on individuals who choose not to participate in social insurance programs.

72. Based on the given Statement, mark the most logical and possible Course of Action as the answer.

Statement: The government should implement awareness campaigns to educate the public about the available social assistance programs.

Course of Action:

- (a) Increase the eligibility criteria for social assistance programs.
- (b) Conduct workshops and seminars to inform people about the benefits of social assistance.
- (c) Reduce the funding for social assistance programs to allocate resources elsewhere.
- (d) Implement stricter means testing for individuals applying for social assistance.

Passage-VII

Once upon a time, in the intellectual city of Cognito, the inhabitants lived their lives steeped in the essence of critical thinking. Among them, there were two dominant groups- the Analysts and the Synthesists. Each of these groups, in their unique ways, significantly contributed to the overall logical climate of the city. The Analysts were experts in dissecting arguments, probing assumptions, and evaluating evidences. They would keenly observe patterns and could seamlessly predict the future course of events. In particular, the Analysts had a fascinating axiom: "If an object is made of gold, it must shine with a lustrous yellow hue. Conversely, not all that shines with a lustrous yellow hue is necessarily gold." This premise formed the basis of their critical investigations. Meanwhile, the Synthesists were masters of blending disparate pieces of information to form a coherent whole. Their mental agility allowed them to weave complex networks of association that bound together different concepts. For instance, they believed that "All musical instruments capable of producing melody are inherently valuable. However, not all valuable objects are necessarily capable of producing melody." This maxim was central to their creative thought processes. Despite their distinct approaches, both groups agreed on the foundational truth: "Every intellectual in Cognito either possesses analytical prowess or synthetic dexterity, but not both." This served as the defining line between the Analysts and the Synthesists, an axiom that was held as irrefutable by all. Yet, amidst the city's logical landscape, there lived a group of freethinkers known as the Disruptors. The Disruptors were a minority group, not conforming to the established norms of the Analysts or the Synthesists. They held a perspective that an individual could encompass both analytical prowess and synthetic dexterity. This radical premise was initially met with skepticism by the majority, but it increasingly gained traction over time. Outside the city of Cognito, in the neighbouring city of Emotiva, lived the

Empathics. The Empathics were largely driven by emotions, and they held a different set of beliefs altogether. They maintained that "All emotionally intelligent beings are capable of empathy, and yet, not all empathetic beings necessarily possess emotional intelligence." This divergence from the ethos of Cognito was stark, leading to an intense rivalry between the two cities. The moons of Cognito were its theories, the planets its premises, and the celestial bodies its logical conclusions. In the world of Cognito, the dance of logic and reasoning was never-ending, a spectacle that offered a wealth of material for intellectual exploration and understanding. Despite the seeming rigidity, it was a world that was as dynamic as the movements of celestial bodies, as captivating as the lure of gold, and as melodic as the song of a well-played musical instrument.

Section - A: English

- 73.** Which of the following can be inferred about the author's views on the Disruptors?
- The author sees the Disruptors as a potential threat to the established norms of Cognito.
 - The author perceives the Disruptors as a group that provides a refreshing change in the logical landscape of Cognito.
 - The author disregards the Disruptors' belief as illogical and unviable.
 - The author believes the Disruptors to be an unnecessary diversion in the intellectual pursuits of Cognito.
- 74.** Select the option that is true for both (1) and (2) below, according to the passage.
- The Analysts and Synthesists unanimously disagreed with the beliefs of the Disruptors.
 - The beliefs of the Empathics were fully embraced by the citizens of Cognito.
- (1) is true but (2) is false.
 - Both (1) and (2) are true.
 - (2) is true but (1) cannot be inferred from the text.
 - (1) is true but (2) cannot be inferred from the text.
- 75.** Based on the passage, the author in the passage felt a sense of _____ towards the intellectual city of Cognito?
- disdain for its overly logical and rigid approach to thinking
 - indifference due to the lack of emotional intelligence
 - admiration for the systematic application of logic and reasoning
 - resentment for not acknowledging the emotional intelligence of the Empathics
- 76.** "Every intellectual in Cognito either possesses analytical prowess or synthetic dexterity, but not both."— in elaboration of this sentence, which of these options follows?
- The inhabitants of Cognito can master only one form of intellectual approach.
 - The Analysts and Synthesists are inherently incapable of understanding each other's views.
 - The intellectual inhabitants of Cognito are limited in their cognitive abilities.
 - The Disruptors are considered intellectually inferior due to their divergent beliefs.
- 77.** Which of the following words from the passage means 'to doubt'?
- Dissecting
 - Skepticism
 - Melody
 - Prowess

Section - B: Logical Reasoning

78. Given that the foundational truth in Cognito states: "Every intellectual in Cognito either possesses analytical prowess or synthetic dexterity, but not both," which of the following conclusions can be drawn?

- (a) All Analysts are also Synthesists.
- (b) No Synthesists can have analytical prowess.
- (c) Every Disruptor is both an Analyst and a Synthesist.
- (d) The Empathics are a mix of Analysts and Synthesists.

79. Based on the axiom of the Analysts, which of the following statements can be deduced?

- (a) Everything that shines with a lustrous yellow hue is made of gold.
- (b) Some objects that shine with a lustrous yellow hue may not be gold.
- (c) An object that does not shine with a lustrous yellow hue can still be gold.
- (d) Gold is the only material that can shine with a lustrous yellow hue.

80. Based on the perspective of the Disruptors, which of the following statements could be true?

- (a) Some Analysts might also possess synthetic dexterity.
- (b) All Disruptors are either Analysts or Synthesists.
- (c) All inhabitants of Cognito are Disruptors.
- (d) The Disruptors do not believe in the foundational truth of Cognito.

81. Considering the beliefs of the Empathics from Emotiva, which of the following is accurate?

- (a) All empathetic beings in Emotiva are emotionally intelligent.
- (b) There exist some empathetic beings in Emotiva who lack emotional intelligence.
- (c) Emotional intelligence is a prerequisite for empathy in Emotiva.
- (d) The Empathics do not value emotional intelligence.

82. Given the assertions and relationships established in the passage, which of the following is true?

- (a) All Synthesists are Disruptors.
- (b) Some Disruptors might be neither Analysts nor Synthesists.
- (c) The Empathics could be a subset of the Analysts.
- (d) All intellectual individuals in Cognito are Disruptors.

83. Considering the perspectives of all groups mentioned in the passage, which of the following could be plausible?

- (a) There exists an individual in Cognito who is an Analyst, a Synthesist, and a Disruptor simultaneously.
- (b) The Synthesists believe that all Analysts are capable of synthetic dexterity.
- (c) The Disruptors in Cognito might also encompass emotional intelligence, like the Empathics from Emotiva.
- (d) The Empathics do not believe in the presence of any Disruptors in Emotiva.

84. Based on the passage, which of the following could be a possible perspective of an inhabitant of Cognito?

- (a) The analysts and synthesists represent the two halves of the intellectual sphere.
- (b) The concept of empathy is alien in Cognito and only exists in Emotiva.
- (c) All intellectually adept individuals are disruptors.
- (d) Emotional intelligence cannot coexist with intellectual abilities.

Passage-VIII

In the bustling city of Numerico, a metropolis known for its love of quantitative analysis, a comprehensive demographic survey was recently conducted. The city, home to a whopping population of 1,000,000 people, is often lauded for its analytical approach to city planning, resource allocation, and social services, all underpinned by a rigorous understanding of data. The survey, carried out by the city's top statisticians, collected a trove of fascinating demographic data. Age, occupation, income, educational attainment, and even favorite pastimes were all meticulously recorded. The data, now made publicly available, is being used by various stakeholders, including city officials, local businesses, and social scientists, to better understand the diverse tapestry that makes up Numerico's populace. One of the most intriguing findings from the survey is the age distribution across Numerico's population. Approximately 20% of the residents are under the age of 18, 60% are between the ages of 18 and 60, and the remaining 20% are above the age of 60. When broken down further, it was found that of the citizens above 60, half are over 70 years old. In terms of occupation, 30% of Numerico's residents work in the technology sector, another 30% are employed in healthcare, 20% are in education, 10% are in the arts, and the remaining 10% are spread across other fields. Interestingly, among the residents working in the technology sector, a fifth reported having secondary jobs, mostly in education or the arts.

As for income, the median annual household income in Numerico is \$80,000. However, income distribution varies greatly across different occupational sectors. For instance, those in the technology sector earn a median income of \$120,000 per year, while the median income for those in the arts is \$40,000 per year. Regarding education, 50% of Numerico's adult population (18 years and above) hold at least a Bachelor's degree. Further, 25% of the population holds a Master's degree, and an impressive 5% hold a Doctoral degree. Interestingly, among the residents with a Doctoral degree, 60% are employed in education, 25% in technology, and the rest in diverse fields. Lastly, the survey recorded the favorite pastimes of Numerico's residents. Reading topped the list, followed by hiking, painting, and coding, revealing an eclectic blend of interests. These findings offer a vibrant snapshot of life in Numerico and present a unique opportunity for a detailed exploration and application of quantitative techniques. With this data in hand, the potential to identify trends, make predictions, and inform decision-making is vast. The city of Numerico is not just a city of numbers but a city of stories told through numbers. As such, it is an ideal playground for those who revel in the beauty and precision of quantitative analysis.

Section - A: English

85. "The author in the passage felt a sense of _____"

- (a) awe at the city's analytical approach to planning and governance.
- (b) disdain for the city's heavy reliance on numbers and data.
- (c) indifference to the detailed demographic survey results.
- (d) envy towards the high number of residents holding a Doctoral degree.

86. "Which of the following is a metaphor?"

- (a) "Numerico is not just a city of numbers but a city of stories told through numbers."
- (b) "The city of Numerico is home to a whopping population of 1,000,000 people."
- (c) "50% of Numerico's adult population hold at least a Bachelor's degree."
- (d) "Those in the technology sector earn a median income of \$120,000 per year."

87. "Which of the following can be inferred about the author's views on the use of demographic data?"

- (a) The author believes that data collection infringes on citizens' privacy rights.
- (b) The author views demographic data as a powerful tool for city planning and decision making.
- (c) The author thinks that the focus on data neglects the human aspect of city governance.
- (d) The author is of the opinion that demographic data is often inaccurate and unreliable.

88. "One of the most intriguing findings from the survey is the age distribution across Numerico's population.' — in elaboration of this sentence, which of these options follows?"

- (a) It was discovered that age did not significantly impact income distribution in Numerico.
- (b) It was found that 20% of the residents are under the age of 18, 60% are between the ages of 18 and 60, and the remaining 20% are above the age of 60.
- (c) Residents above the age of 60 are predominantly employed in the technology sector.
- (d) The younger population in Numerico is particularly drawn to pastimes such as painting and coding.

89. "What according to the author is essential about the experience of being a resident in Numerico?"

- (a) Experiencing the city's rich cultural heritage and historical landmarks.
- (b) Participating actively in the city's data-driven decision-making processes.
- (c) Appreciating the analytical approach to city planning, resource allocation, and social services.
- (d) Enjoying the city's vibrant nightlife and food scene.

Section - B: Logical Reasoning

90. Based on the demographic data in the passage, which of the following statements is correct?

- (a) Approximately 100,000 individuals in Numerico are aged over 70 years.
- (b) About 50,000 residents in Numerico work in the arts sector.
- (c) There are fewer individuals with a Bachelor's degree than those employed in the healthcare sector.
- (d) The median income for those in the technology sector is twice the median household income in Numerico.

- 91.** Based on the demographic survey, what is the estimated number of Numerico's residents who work in the technology sector and have secondary jobs?
- (a) 30,000
 - (b) 60,000
 - (c) 20,000
 - (d) 15,000
- 92.** What is the approximate number of residents with a Doctoral degree who are employed in the education sector in Numerico?
- (a) 30000
 - (b) 15000
 - (c) 25,000
 - (d) 20,000
- 93.** How many residents of Numerico are adults (18 years and above) but do not hold a Bachelor's degree?
- (a) $\leq 500,000$
 - (b) $\leq 700,000$
 - (c) $\leq 400,000$
 - (d) $\leq 900,000$
- 94.** Given the percentage of the population below 18 years of age in Numerico, what is the approximate number of children and teenagers in the region?
- (a) 200,000
 - (b) 300,000
 - (c) 400,000
 - (d) 350,000
- 95.** What is the approximate number of adults in Numerico who work in the technology sector?
- (a) 240,000
 - (b) 300,000
 - (c) 200,000
 - (d) 350,000
- 96.** What is the estimated percentage of adults in the population of Numerico who are not employed in the technology sector?
- (a) 30%
 - (b) 25%
 - (c) 35%
 - (d) 56%

Passage-IX

In the city of Veritoria, a unique community system is established. There are three predominant social classes: the Sages, the Creators, and the Observers. The city thrives on the unique skills each class possesses and shares within their society. The Sages are intellectuals, embodying wisdom and knowledge. They are tasked with the education and enlightenment of the city, often devising laws and policies for the betterment of society. The Creators, on the other hand, are the builders, inventors, and artists. They are responsible for the city's technological advancement, infrastructure, and culture. The Observers, though not involved in active policymaking or creating, are the watchers,

ensuring that the laws are upheld and the city is functioning smoothly. Each social class has a distinguishing badge they wear: the Sages wear a badge with an owl, the Creators carry a badge with a hammer and a brush, and the Observers have an eye on their badge. The badges are made from different materials: the Sages' badges are made from silver, the Creators' from gold, and the Observers' from bronze. These badges are not merely ornamental but hold the power and rights accorded to each social class. The badges are always worn and cannot be transferred from one person to another. All Veritorians are born into their classes. They follow a strict societal structure where they cannot change their class throughout their life. They inherit the class of their parents, and this practice has been followed for generations. However, there are exceptions. Some individuals possess qualities or skills of another class. If a Sage demonstrates a remarkable aptitude for creating or an Observer shows wisdom and knowledge, they can be granted the badge of the respective class. But these cases are rare and only occur under the unanimous agreement of the city council, comprised of the most senior Sages, Creators, and Observers.

The city of Veritoria is located in the valley of the Lumerian Mountains. The mountains act as a natural barrier, protecting the city from outer threats. Because of the city's location, the Veritorians have developed an efficient agricultural system. They grow a variety of crops, but their primary crop is grapes, from which they produce an exceptional wine. The wine is a significant part of the Veritorian culture, and every Veritorian is skilled in the art of winemaking. The inhabitants of Veritoria have a unique tradition. Every year, they celebrate the Festival of Badges, where each class showcases their skills and contributions to the city. It's an event of joy, unity, and appreciation. During this festival, the Sages share their wisdom and knowledge through speeches and lectures. The Creators display their creations, from intricate artworks to impressive inventions. The Observers, usually silent, take the stage to report the progress of the city and any concerns that need to be addressed. In this way, each class reaffirms its commitment to the city and its inhabitants. In the backdrop of such a meticulously structured society, life in Veritoria thrives, harmoniously balanced by the coexistence of the Sages, Creators, and Observers. Their unity in diversity forms the backbone of their society, making Veritoria a city like no other.

Section - A: English

97. Based on the passage, which of the following assumptions can be made about the Festival of Badges?

- (a) The Festival of Badges is a celebration of the Sages' wisdom and knowledge only.
- (b) During the Festival of Badges, all Veritorians switch their class badges temporarily.
- (c) The Festival of Badges is a significant event for showcasing unity among different classes.
- (d) The Festival of Badges is a time when the city council makes decisions about class changes.

98. Which of the following options captures the meaning of the last sentence, "Their unity in diversity forms the backbone of their society, making Veritoria a city like no other," best?

- (a) Veritoria is a city known for its architectural uniqueness.
- (b) The distinct social classes of Veritoria lead to a chaotic society.
- (c) Veritoria's strength lies in the diverse yet harmonious existence of its social classes.
- (d) Veritoria is a city where everyone is allowed to choose their social class.

99. If the statement, "All Veritorians are born into their classes" is correct, which of the following statements is true?

- (a) Veritorians can switch their social classes depending on their skills and preferences.
- (b) The children of a Creator will be born as an Observer.
- (c) Individuals in Veritoria can only change their social class by unanimous agreement of the city council.
- (d) The Veritorian social system is not hereditary.

100. Which of the following phrases, used in the passage, suggests that the Sages hold a significant role in the policymaking of Veritoria?

- (a) "They are tasked with the education and enlightenment of the city..."
- (b) "They are responsible for the city's technological advancement..."
- (c) "...the Sages wear a badge with an owl..."
- (d) "...often devising laws and policies for the betterment of society..."

101. "Each social class has a distinguishing badge they wear," this sentence implies that:

- (a) The badges are a source of income for the Veritorians.
- (b) The badges represent the roles and rights of each class in Veritoria.
- (c) Veritorians are allowed to wear any badge they prefer.
- (d) The badges are a symbol of competition among the social classes.

Section - B: Logical Reasoning

102. According to the passage, which of the following statements is TRUE regarding the badges worn by the social classes in Veritoria?

- (a) The badges of the Sages, Creators, and Observers are interchangeable.
- (b) The badges can be transferred from one person to another within the same social class.
- (c) The badges are purely ornamental, symbolizing the social class of the wearer.
- (d) The badges signify the power and rights accorded to each social class.

103. From the passage, which of the following conclusions can be accurately drawn about the societal structure of Veritoria?

- (a) Individuals can switch between the classes of Sages, Creators, and Observers freely.
- (b) The class of an individual can change if they exhibit qualities of another class, even without the agreement of the city council.
- (c) The social class of a Veritorian is strictly inherited from their parents, with rare exceptions.
- (d) All inhabitants of Veritoria belong to the same social class.

104. According to the passage, which statement is TRUE regarding the city of Veritoria's geographical location and its impact on the city's practices?

- (a) The Lumerian mountains hinder the city's agricultural activities due to its rocky terrain.
- (b) Veritoria's location in the Lumerian Mountains provides protection and supports efficient agriculture.
- (c) Veritoria is unable to produce any significant crops due to its mountainous location.
- (d) The primary crop grown in Veritoria is wheat.

105. Based on the passage, which of the following is TRUE about the Festival of Badges in Veritoria?

- (a) Only the Sages and Creators participate actively in the Festival of Badges, while the Observers are mere spectators.
- (b) The Festival of Badges is a solemn occasion where each class presents their issues and grievances.
- (c) During the Festival of Badges, each social class showcases their skills and contributions to the city.
- (d) The Festival of Badges is celebrated biannually, where Veritorians honor their social classes.

106. Let the following premises be true: "If the Festival of Badges is held, the Observers will report on the progress of the city," and "The Festival of Badges is not being held this year." Which of the following must be true?

- (a) The Observers will report on the city's progress this year.
- (b) The Observers will not report on the city's progress this year.
- (c) The Observers will take part in other city events this year.
- (d) None of the above.

107. Assume that

- (A) A majority of Veritorians are Creators,
- (B) A majority of Veritorians are Sages, and
- (C) No non-Creator Sage (i.e., a Sage who is not a Creator) is a non-Creator Observer (i.e., an Observer who is not a Creator).

Which of the following is true?

- (a) No Sages are Observers.
- (b) Some Sages are Observers.
- (c) All Sages are Observers.
- (d) Cannot be determined.

108. All Observers are Veritorians. All Creators are Veritorians. Some Creators are Observers. Therefore,

- (a) All Veritorians are Observers.
- (b) All Veritorians are Creators.
- (c) Some Veritorians are both Observers and Creators.
- (d) None of the above.

Passage-X

In the city of Verbonia, there are certain unique practices and beliefs that are held sacrosanct by its denizens. The streets of Verbonia are lined with towering trees called Zephyrs. The Zephyrs are believed to be the keepers of time. Every resident believes that if a Zephyr tree withers, a year is taken away from the life of Verbonia. Apart from the Zephyrs, the city has several water bodies, and the most significant of these is Lake Aquilia. It's said that the purity of Lake Aquilia determines the honesty of the city's residents. If the water is crystal clear, it signifies that the inhabitants of Verbonia are living in complete harmony with their values. However, any taint in the lake's water is viewed with alarm as an indication that deceit and treachery are on the rise. Furthermore, in Verbonia, people have a unique way of communication. They use a language called Vernal, which is predominantly based on the alignment of the stars. The stars are categorized into three main groups: Lumas, which are believed to be the brightest; Spectras, which have a unique hue and are often seen during dusk; and

Umbros, which are faint but are essential as they represent wisdom. The alignment of Lumas, Spectras, and Umbros determines the tone, mood, and essence of the messages communicated. An annual event that stands out in Verbonia's cultural calendar is the Gala of Shadows. During this event, every resident crafts an artifact representing their most profound thought or emotion of the year. These artifacts are then floated on Lake Aquilia. If an artifact sinks, it's believed that the emotion or thought was too heavy for the creator, suggesting that they haven't come to terms with it. On the other hand, if it floats, it signifies acceptance and understanding of that emotion or thought. Additionally, in this city, there's a deeply entrenched belief that every house should have at least one window facing the north. This is because the North Star, which is part of the Lumas group, is considered a guiding force. Homes without a northern window are thought to be directionless and lacking in purpose. In terms of trade, Verbonia thrives on the export of a rare gemstone called Celestite. This gemstone is believed to have properties that enhance the abilities of its possessor. Due to its immense value, Verbonians treat Celestite with great reverence. It's said that possessing a flawed Celestite can bring misfortune, whereas a perfect gem can bring unprecedented success. The interplay of beliefs, practices, and traditions makes Verbonia a captivating city, and its residents live their lives deeply intertwined with the lore that surrounds them.

Section - A: English

109. Which of the following is a metaphor?

- (a) The Zephyrs being the pillars that hold the streets of Verbonia.
- (b) Lake Aquilia being a mirror that reflects the honesty of Verbonia's inhabitants.
- (c) The Vernal language being a bridge that connects Verbonians to the stars.
- (d) None of the above

110. Select the option that can be the most suitable concluding line to this text.

- (a) Verbonia remains an enigma to the outside world, with its mystical beliefs tightly guarded.
- (b) And so, the day-to-day life in Verbonia is a delicate dance between tradition and reality.
- (c) The true beauty of Verbonia lies not just in its landscapes but in the profound beliefs of its people.
- (d) Many have tried to unravel the mysteries of Verbonia, but only its residents truly understand its depth.

111. Select the option that correctly completes the following analogy.

Zephyrs : Time :: Celestite : _____

- (a) Wealth
- (b) Direction
- (c) Abilities
- (d) Communication

112. Replace the underlined word with its correct meaning from the given options.

"The interplay of beliefs, practices, and traditions makes Verbonia a captivating city..."

- (a) Boring
- (b) Enchanting
- (c) Commonplace
- (d) Repulsive

113. Select the option that can be the most suitable introductory line to this text.

- (a) In a world of ordinary cities, Verbonia stands apart with its mystical allure.
- (b) Verbonia, though small, has its own charm like any other city.
- (c) Just like Rome and Paris, Verbonia too has its own tales to tell.
- (d) Among the bustling cities of the modern world, Verbonia still holds onto its ancient shopping practices.

Section - B: Logical Reasoning

114. Given the beliefs and practices of the residents of Verbonia, which of the following statements is an accurate representation of their view on a tainted Lake Aquilia?

- (a) The presence of deceit among the residents causes the lake to be tainted.
- (b) The tainting of Lake Aquilia suggests that there is an external threat to the city.
- (c) If Lake Aquilia's water is tainted, it signifies that the Zephyr trees are withering away.
- (d) Tainted water in Lake Aquilia indicates a decline in the city's trade of Celestite.

115. Based on the practices during the Gala of Shadows, which inference can be made about an individual whose artifact floats on Lake Aquilia?

- (a) The individual crafted the artifact without much thought.
- (b) The artifact's creator possesses a flawed Celestite.
- (c) The individual has come to terms with their emotion or thought represented by the artifact.
- (d) The artifact was created in alignment with the Lumas stars.

116. Considering the beliefs related to the Zephyr trees in Verbonia, which statement accurately portrays the significance of a withering Zephyr tree?

- (a) A withering Zephyr tree is an indication of the North Star fading away.
- (b) The withering of a Zephyr tree signifies the presence of flawed Celestite in the city.
- (c) If a Zephyr tree withers, it represents a reduction in the year's trade prospects for Verbonia.
- (d) A year is believed to be taken away from the life of Verbonia when a Zephyr tree withers.

117. Concerning the language Vernal used by the inhabitants of Verbonia, which statement is true about its dependence on the stars?

- (a) The language Vernal is predominantly based on the alignment of Lumas stars only.
- (b) The tone, mood, and essence of Vernal messages are determined by the alignment of Lumas, Spectras, and Umbros.
- (c) Vernal messages are solely communicated during dusk when Spectras are visible.
- (d) The faint Umbros stars have no role in the language Vernal.

118. Based on the beliefs held in Verbonia about homes, which statement is most accurate about the significance of having a window facing the north?

- (a) Homes without a northern window are likely to have tainted Celestite.
- (b) Houses with windows facing north have a direct view of Lake Aquilia.
- (c) A home without a northern window is seen as directionless and lacking in purpose.
- (d) Only homes with northern-facing windows can participate in the Gala of Shadows.

119. When referring to the Celestite gemstone that Verbonia trades in, which inference can be accurately drawn about its perceived qualities?

- (a) The Celestite gemstone is believed to reduce the lifespan of Verbonia if flawed.
- (b) Possessing a perfect Celestite gem can bring unprecedented success to its holder.
- (c) The Celestite gemstone is directly responsible for the purity of Lake Aquilia.
- (d) Celestite has no significant value in Verbonia, and it's merely for ornamental purposes.

120. Concerning the Gala of Shadows, which statement accurately describes its significance in Verbonian culture?

- (a) The Gala is an event where Verbonians trade their most valuable Celestite gems.
- (b) It's a ceremony that marks the end of the year and reflects on the residents' emotions and thoughts.
- (c) The Gala of Shadows is primarily conducted to purify Lake Aquilia.
- (d) The Gala's main purpose is to predict the future alignment of the Lumas, Spectras, and Umbros stars.

Current Affairs with GK

121. What does the term 'stunting' refer to in the context of undernutrition?

- (a) Low weight for age
- (b) Low height for age
- (c) Low weight for height
- (d) A lack of important vitamins and minerals

122. What entities were combined to form the Defence Research and Development Organisation (DRDO)?

- (a) Technical Development Establishment (TDEs) of the Indian Navy
- (b) Directorate of Technical Development & Production (DTDP) of the Indian Air Force and Defence Science Organisation (DSO)
- (c) Technical Development Establishment (TDEs) of the Indian Army, the Directorate of Technical Development & Production (DTDP) and the Defence Science Organisation (DSO).
- (d) Ministry of Defence and the Department of Science and Technology

123. Indian Navy's warship Mahendragiri is related to which project of the Indian Navy?

- (a) Project 75
- (b) Project 15B
- (c) Project 17A
- (d) Project 18D

124. The Department of Drinking Water and Sanitation (DDWS) partnered with which non-profit organization to establish the JJM Digital Academy?

- (a) WaterAid
- (b) Save the Children
- (c) Echo India
- (d) World Vision

125. Highlighting government's efforts in poverty alleviation, the PM said over 13.5 crore poor people came out of poverty. Which year does the Prime Minister refer to for India's transformation into a developed nation?

- (a) 2030
- (b) 2047
- (c) 2050
- (d) 2060

126. The Haathi Mere Saathi campaign was introduced in collaboration with which organization?

- (a) World Wildlife Fund (WWF)
- (b) International Union for Conservation of Nature (IUCN)
- (c) Wildlife Conservation Society (WCS)
- (d) Wildlife Trust of India (WTI)

127. When does International Literacy Day take place each year?

- (a) September 5
- (b) September 8
- (c) September 15
- (d) September 22

128. In which city is the headquarter of the Geological Survey of India (GSI) located?

- (a) Kolkata
- (b) New- Delhi
- (c) Mumbai
- (d) Ahmedabad

129. The International Solar Alliance (ISA) was conceived as a joint effort by which two countries?

- (a) India and China
- (b) India and France
- (c) India and United States
- (d) India and Russia

130. What is the fixed tenure for the Chief Election Commissioner and Election Commissioners?

- (a) 4 years
- (b) 5 years
- (c) 6 years
- (d) 7 years

131. The Monopolies and Restrictive Trade Practices Act, 1969 (MRTP Act) was replaced by which act?

- (a) Consumer Protection Act, 1986
- (b) Foreign Exchange Management Act, 1999
- (c) Competition Act, 2002
- (d) Competition Act, 2007

132. Where is the first Public-Private Partnership (P3) model Atal Tinkering Lab (ATL) located?

- (a) Mumbai, Maharashtra
- (b) Bengaluru, Karnataka
- (c) Thrissur, Kerala
- (d) New Delhi, Delhi

133. Who is the Current President of the Asian Development Bank?

- (a) Ashok Lavasa
- (b) Masatsugu Asakawa
- (c) Ahmed M. Saeed
- (d) Shixin Chen

134. Which state/UT inaugurated India's first Artificial Intelligence (AI) school?

- (a) Telangana
- (b) Kerala
- (c) Karnataka
- (d) Punjab

135. Which launching vehicle is known as Workhorse of ISRO?

- (a) SSLV
- (b) ASLV
- (c) PSLV
- (d) GSLV

136. Which country/countries are the hosts of Asia Cup 2023 tournament?

- (a) Sri Lanka and Pakistan
- (b) India and Bangladesh
- (c) Nepal and Bangladesh
- (d) Pakistan and Afghanistan

137. Who is the first woman to head the Railway Board of India?

- (a) Jaya Verma Sinha
- (b) Soma Mondal
- (c) Madhabi Puri Buch
- (d) Rekha Sharma

138. Which state/UT launched a clean district ranking drive called MODI (Most Outstanding District Initiative)?

- (a) West Bengal
- (b) Assam
- (c) Odisha
- (d) Telangana

139. When is the National Sports Day celebrated in India?

- (a) August 21
- (b) August 23
- (c) August 25
- (d) August 29

140. Pragyan rover of the Chandrayaan-3 mission, has confirmed the presence of which element on the moon's surface?

- (a) Potassium
- (b) Sulphur
- (c) Sodium
- (d) Chlorine

141. What is the name of the blockchain-based project launched by the National Payments Corporation of India (NPCI)?

- (a) Falcon
- (b) Grape
- (c) Pay See
- (d) Orange

142. Who is the chair of the Committee set up to assess the viability of the “one nation, one election” concept?

- (a) Amit Shah
- (b) Ranjan Gogoi
- (c) Ramnath Kovind
- (d) Pratibha Patil

143. Which city is the host of the ASEAN Summit in 2023?

- (a) India
- (b) Indonesia
- (c) Sri Lanka
- (d) Bangladesh

144. The Amrit Bharat Station Scheme is set to transform how many railway stations across the nation?

- (a) 309
- (b) 1309
- (c) 2309
- (d) 5309

145. Which institution launched the ‘Antardrishti’ dashboard?

- (a) NITI Aayog
- (b) RBI
- (c) SEBI
- (d) NPCI

146. India gifted indigenously-built in-service Missile Corvette INS Kirpan to which country?

- (a) Sri Lanka
- (b) Vietnam
- (c) Myanmar
- (d) Nepal

147. Who was conferred with the 'Points of Light honour' by the British Prime Minister Rishi Sunak?

- (a) Narendra Modi
- (b) Rajnath Singh
- (c) Rajindar Singh Dhatt
- (d) Bipin Singh Rawat

148. Jens Stoltenberg has been elected as the head of which grouping for third time in a row?

- (a) ASEAN
- (b) BIMSTEC
- (c) NATO (d) G-7

149. Indian Institute of Technology (IIT), Delhi is to set up offshore campus in which city?

- (a) Paris
- (b) Abu Dhabi
- (c) Berlin
- (d) Niger

150. Which Chief Minister created a record as the second longest-serving Chief Minister in India?

- (a) Mamata Banerjee
- (b) Naveen Patnaik
- (c) Pinarayi Vijayan
- (d) Yogi Adityanath

ANSWERS & EXPLANATION

1. Ans. b

Sol: Option (b) is correct. Options (a) and (d) are distorted facts and are understood from the last paragraph. Option (c) is ruled out as it is given in the last paragraph of the passage that, 'Mr. Kritenbrink was quite firm in asserting that India would play a greater role in the South China Sea as part of its Quad commitments.' The difference is in 'would play' and 'has been playing'. Hence (b).

2. Ans. c

Sol. Option (c) is correct. it should be 'The gift of a missile corvette is clearly aimed at aiding efforts to counter what have been termed "unsafe manoeuvres" by Chinese vessels in Vietnam's exclusive economic zone.' The differences are in (1) 'aimed at something to do something' and 'aimed at something for doing something'. The former one fits with the word 'aim at'. The second point of difference between the sentences is. "Unsafe manoeuvres" by Chinese vessels in Vietnam's'. The preposition 'of' is a misfit here/. Hence (c).

3. Ans. d

Sol. Option (d) is correct. It is understood from the line from the first paragraph that states.' as a consequence of what is perceived as a "clear and upward" trend of Chinese coercion in an area which Beijing considers its bailiwick, to the extent of rejecting the findings of an international tribunal that ruled against it in a dispute with the Philippines.'. Option (a) 'prerogative' means a right or a privilege. Options (b) and (c) mean being under someone's dominion or control, hence incorrect. Here China considers the territory under its authority or jurisdiction. Hence (d) is correct.

4. Ans. b

Sol. Option (b) is correct. The sentence should be, 'And, finally, there is the question of China's claim over Taiwan, and its determination to reclaim the territory.' The correct phrases formed are 'question of something', 'claim over something' and 'determination to do something'. Hence (b).

5. Ans. d

Sol. Option (d) is correct. In the context of the passage 'dogged ties' would mean such ties that are stubbornly resolute or persistent. Not giving up easily in spite of problems and difficulties. Hence the rest of the options are eliminated. 'Audacious' means to be bold and daring.' Sincere' is loyal and honest, genuine. Persuade is to urge or induce. Hence (d).

SECTION B – LOGICAL REASONING

6. Ans: (d)

Sol: Option (d) is correct. Statement I is clearly understood as an Inference sentences because it has been derived or deduced from the existing conditions, and therefore the sentence states 'it is now clear that.....' Statement II can be understood as an assumption because, if the U.S. and India embark upon a close relationship then there would be more matters on the plate that will make Delhi more involved and occupied. Hence (d).

7. Ans. c

Sol. Option (c) is correct. The last paragraph suggests this.

8. Ans. d

Sol. Option (d) is correct. It is given in the last few lines of the first paragraph. 'While India has participated in naval exercises in the area, this week it also decided to gift an active duty missile corvette, the INS Kirpan, to Vietnam. While India has gifted smaller boats to the Maldives and Mauritius, and a submarine to Myanmar, this is the first time it has gifted a warship to a country embroiled in a maritime dispute with China.' The rest of the options are rightly concluded. Hence (d).

9. Ans. c

Sol. Option (c) is correct. It is understood from the first paragraph of the passage. 'New Delhi will find itself engaged in geostrategic essays that did not feature high on its agenda until recently. While India's concerns about the Indo-Pacific have found expression through its participation in the Quadrilateral Security Dialogue, its involvement in the muddied waters of the South China Sea is also now increasing.' Options (a) and (b) have been contradicted and are distorted. Hence (c).

10. Which of the following can be the assumption made by Mr. Kritenbrink?

- (a) India is not unaware of China's naval strength.
- (b) China's claims over Taiwan will be weakened with the strengthening of U.S.-India ties.
- (c) India is interested in the Quad commitments.
- (d) India is not much interested in countering China.

Ans. c

Sol. Option (c) is correct. It is understood from the last paragraph that states, 'Mr. Kritenbrink was quite firm in asserting that India would play a greater role in the South China Sea as part of its Quad commitments.' Hence (c).

11. Ans. a

Sol. Option (a) is correct. Statement (i) is a Fact, as it can be proved whether 'he told 'or not. Statement (ii) is an Inference, as it can be identified from the phrase 'It is now clear'. Statement (iii) is a Judgement because it is the author's opinion that 'Mr. Kritenbrink was quite firm in asserting'. Hence (a).

12.**Ans. b**

Sol. Option (b) is correct. Statement (i) is an Inference, as it is a Judgement but based on the message. Statement (ii) is a Fact as it is verifiable, it can be proved whether and what India has gifted to which country. Statement (iii) is an Inference drawn on the base of the fact 'the gift of a missile corvette'. Why was the gift given, what its objective was, has been given in the rest of the sentence. Hence (b).

Passage-II

In a serene suburban neighborhood, there's a large and convoluted family, known for its vibrancy and diverse characters. This big family consists of nine members: Mr. Albert, his wife Mrs. Barbara, their two children Charlie and Daisy, Mrs. Barbara's brother Mr. Edward, Mr. Edward's wife Mrs. Fiona, their son George, and finally, Mrs. Barbara and Mr. Edward's parents, Mr. Henry and Mrs. Isabelle. The household is usually teeming with life, full of laughter, and love. Each of them has their distinct personalities which makes the family dynamic incredibly rich. Mr. Albert, the head of the family, is a

renowned lawyer. His charismatic nature and keen sense of justice make him a respected figure in the family. His wife, Mrs. Barbara, is a caring and devoted woman who keeps the family together with her warmth and affection. Their two children, Charlie and Daisy, are as different as night and day. Charlie, the elder son, is an introverted and curious individual who always has his nose buried in books. Daisy, the younger one, is full of energy and has a vibrant personality that lights up the room. Mr. Edward, Mrs. Barbara's brother, is a professor of history at a local university. Known for his scholarly intellect and dry humor, he is loved by all in the family. His wife, Ms. Fiona, is a successful entrepreneur, who runs her own boutique. They have a son, George, who has a deep love for animals and dreams of becoming a vet someday.

Finally, the head of the extended family is Mr. Henry, who is a retired military officer. His discipline and order reflect in the family values. Mrs. Isabelle, his wife, is a warm-hearted woman known for her delicious cooking. Even at this age, they are both actively involved in the family affairs, instilling wisdom and love in the younger generations. The bonds they share are firm and enduring, and their relationships are a complex web of emotions and mutual support. The household is a testament to their unity, where everyone contributes their part to maintaining harmony. They have their differences and disagreements, but they always come together in times of need, reinforcing their love and respect for each other. This is a story of their intertwining lives, a story of family and the beautiful connections they share.

SECTION A – ENGLISH

13. Ans. c

Sol. Option (c) is correct. The passage states that the head of the family, Mr. Henry, is a retired military officer and his discipline and order reflect in the family values, indicating the importance of discipline and order in the family experience.

Option (a) is incorrect because the passage states that the family members have different careers (lawyer, professor, and entrepreneur) and it does not highlight any requirement for a specific career. Option (b) is also incorrect because the passage does not put emphasis on personal achievements, instead it talks about the diverse personalities and the unique roles each family member plays. Option (d) is incorrect because the passage states that while some family members like Daisy and Mrs. Barbara have vibrant personalities, others like Charlie have introverted personalities. This suggests that having a vibrant personality is not essential to the experience of being a family member in this household. Hence (c).

14. Ans. c

Sol. Option (c) is correct. The words "vibrant" and "introverted" are not synonyms; instead, they represent contrasting characteristics. While "vibrant" describes a lively and energetic personality, "introverted" refers to a quieter, more reserved nature. The character difference between Charlie and Daisy in the passage illustrates this contrast. Option (a) is incorrect because the words "teeming" and "full" are synonyms, both denoting something filled or abundant. Option (b) is also incorrect because "renowned" and "respected" are synonyms, both implying a sense of admiration or regard. Option (d) is incorrect because "keen" and "eager" are synonyms, both expressing a high degree of enthusiasm or interest. Hence (c).

15. Ans. c

Sol. Option (c) is correct. The passage states that Mr. Henry's discipline and order reflect in the family values and these traits have an effect on the family's life, hence they played

an important role in shaping the family dynamics. Option (a) is incorrect because the passage does not indicate that Mr. Henry's discipline and order were used to control the family. Rather, they were values he embodied and had an influence on the family. Option (b) is incorrect as well because there's no mention in the passage that these traits caused any conflict within the family. Option (d) is incorrect because the author does talk about the discipline and order of Mr. Henry, indicating they are relevant to the author's portrayal of the family. Hence (c).

16. Ans. b

Sol. Option (b) is correct because in the context of the passage, 'convoluted' is used to describe the large family with its diverse characters and rich dynamics, indicating a complex or intricate family structure. Option (a) is incorrect because 'convoluted' does not mean something that is simple and straightforward, rather it denotes complexity. Option (c) is incorrect because the term 'convoluted' does not inherently carry a negative or harmful connotation, and the passage does not portray the family's complexity as a negative aspect. Option (d) is incorrect because 'convoluted' does not mean enthusiastic or vibrant, but refers to something being complex or intricate. Hence (b).

17. Ans. c

Sol. Option (c) is correct because the passage clearly states that Mrs. Isabelle is known for her delicious cooking and is actively involved in family affairs, thus contributing significantly to the family dynamics. Option (a) is incorrect because the passage does not indicate that Mrs. Isabelle was the primary decision-maker in the family. Option (b) is also incorrect because, contrary to being distant, Mrs. Isabelle is described as actively involved in the family affairs. Option (d) is incorrect because the passage does not mention Mrs. Isabelle having a strict and disciplined approach to family matters; instead, this trait is associated with Mr. Henry. Hence (c).

SECTION B – LOGICAL REASONING

18. Ans. b

Sol. Option (b) is correct because the passage states that George is the son of Mr. Edward and Ms. Fiona. Mr. Edward is the brother of Mrs. Barbara, who is Charlie's mother. This makes George and Charlie first cousins. Option (a) is incorrect because the passage states that George is the son of Mr. Edward and Ms. Fiona while Charlie is the son of Mr. Albert and Mrs. Barbara. George and Charlie have different parents, which rules out the possibility of them being brothers. Option (c) is incorrect because the passage states that George is the son of Mr. Edward and Ms. Fiona, while Charlie is the son of Mrs. Barbara, Mr. Edward's sister. The generational gap between George and Charlie is not there; they belong to the same generation, which negates the possibility of an uncle-nephew relationship. Option (d) is incorrect because the passage states that George is the son of Mr. Edward and Ms. Fiona. Charlie, on the other hand, is the son of Mr. Albert and Mrs. Barbara. Since George and Charlie are of the same generation, they cannot be in an uncle-nephew relationship. George would be a nephew to Charlie if Charlie were a sibling of one of George's parents, but that is not the case here. Hence (b).

19. Ans. a

Sol. Option (a) is correct because the passage states that Ms. Fiona is married to Mr. Edward, who is the brother of Mrs. Barbara, and Mrs. Barbara is married to Mr. Albert. Hence, Mr. Albert is the brother-in-law of Ms. Fiona. Option (b) is incorrect because the passage states that Charlie is the son of Mr. Albert and Mrs. Barbara. This makes

Charlie the nephew of Ms. Fiona, not the brother-in-law. Option (c) is incorrect because the passage states that Mr. Edward is the husband of Ms. Fiona. A person cannot be a brother-in-law to their own spouse. Option (d) is incorrect because the passage states that Mr. Henry is the father of Mrs. Barbara and Mr. Edward. Therefore, he is Fiona's father-in-law, not brother-in-law. Hence (a).

20. Ans. a

Sol. Option (a) is correct because the passage states that Daisy is the daughter of Mr. Albert and Mrs. Barbara, and Mrs. Barbara is the daughter of Mrs. Isabelle. Hence, Daisy is the granddaughter of Mrs. Isabelle. Option B is incorrect because the passage states that Daisy is the daughter of Mrs. Barbara and Mr. Albert, not Mrs. Isabelle. Therefore, Mrs. Isabelle cannot be Daisy's mother. Option C is incorrect because the passage states that Daisy is the daughter of Mrs. Barbara and Mr. Albert, and Mrs. Barbara is the daughter of Mrs. Isabelle. This makes Daisy the granddaughter of Mrs. Isabelle, not her niece. Option D is incorrect because the passage states that Daisy is the daughter of Mrs. Barbara and Mr. Albert. Mrs. Isabelle is Mrs. Barbara's mother, which places Daisy and Mrs. Isabelle in different generations, hence they cannot be sisters. Hence (a).

21. Ans. c

Sol. Option (c) is correct because the passage states that George is the son of Mr. Edward and Ms. Fiona, hence Ms. Fiona is the mother of George. Option (a) is incorrect because the passage states that Mrs. Barbara is the mother of Charlie and Daisy, not George. Option (b) is incorrect because the passage states that Mrs. Isabelle is the mother of Mrs. Barbara and Mr. Edward. She is the grandmother of George, not his mother. Option (d) is incorrect because the passage states that Daisy is the daughter of Mr. Albert and Mrs. Barbara. Given the generational difference, Daisy cannot be the mother of George. Hence (c).

Directions (22-24): Study the following information to answer the given questions:

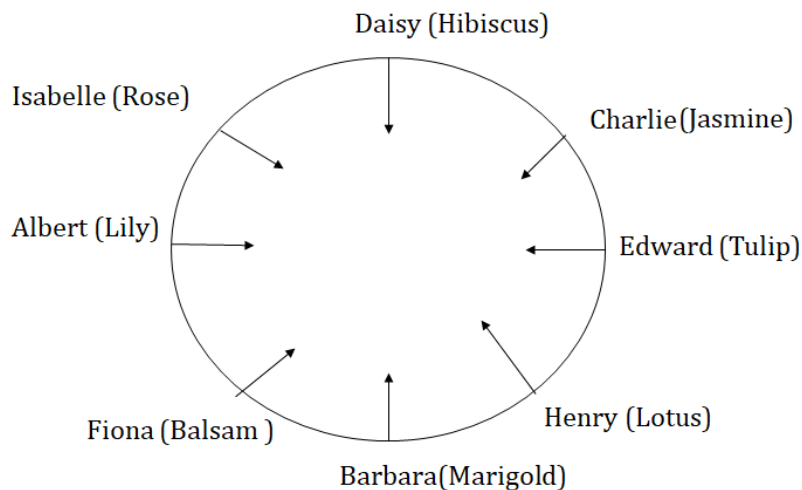
Eight persons Albert, Barbara, Charlie, Daisy, Edward, Fiona, Henry and Isabelle are sitting around a circular table facing towards the centre, but not necessarily in the same order. Each of them likes different Flower, viz., Jasmine, Rose, Lotus, Lily, Marigold, Hibiscus, Balsam and Tulip, but not necessarily in the same order.

The person who likes Jasmine flower is sitting third to the right of Barbara. There are three persons between the persons who like Jasmine flower and Balsam flower respectively. Barbara is an immediate neighbour of that person who likes Lotus flower. There are two persons between the person who likes Lotus flower and Albert. Daisy is to the immediate left of Isabelle. Isabelle does not like Balsam flower or Jasmine flower. Isabelle is an immediate neighbour of Albert. Daisy does not like Lotus flower. Charlie is sitting second to the right of Henry. Charlie does not like Lotus and Balsam flower. Edward does not like Balsam flower or Lotus flower. The person who likes Rose flower is an immediate neighbour of the person who likes Hibiscus flower. The person who likes Hibiscus flower is second to the left of Albert. The person who likes Tulip flower is an immediate neighbour of both Charlie and the person who likes Lotus flower. Barbara does not like Lily flower.

22. Ans. c

Sol. Option (c) is correct.

COMMON EXPLANATION,



If all the eight persons are made to sit in alphabetical order in anticlockwise direction starting from Albert, positions of two persons Edward and Isabelle will remain unchanged (excluding Albert). Hence (c).

23. Ans. b

Sol. Option (b) is correct.

Following the COMMON EXPLANATION,

The position of Edward with respect to Albert is **Fourth to the right**. Hence (b).

24. Ans. d

Sol. Option (d) is correct. **All the statements are true**

Following the COMMON EXPLANATION,

Isabelle likes Rose flower. Isabelle is sitting exactly between the person who likes Hibiscus flower and Lily flower.

Also, Isabelle is sitting third to the left of the person who likes Marigold flower. Hence (d).

Passage-III

Once upon a time, in a city known as Crypton, everyone communicated through coded messages. The tradition began long ago when the town was established by Professor Codebreak, a brilliant linguist and cryptographer. He believed that using code for everyday communication would encourage the residents to keep their minds sharp. The city had several neighborhoods, each having a different code for communication. These included the Fibonacci Folks, the Alphabet Alternates, the Sequence Shifters, and the Number Nurturers. In Fibonacci Folks, people used Fibonacci series to encrypt messages. The letter 'A' was represented as 1, 'B' as 1, 'C' as 2, and so forth following the Fibonacci series pattern. If the letter was beyond 'Z', they used modular arithmetic to loop back to 'A'. In Alphabet Alternates, they used alternating code patterns for words. For instance, the first letter would be one step ahead in the alphabet, the second letter would be one step back, the third one step ahead again, and so on. So, 'A' would become 'B', 'B' would become 'A', 'C' would become 'D', 'D' would become 'C', and so forth.

The Sequence Shifters were a bit different. They assigned each letter a number from 1 to 26, representing 'A' to 'Z', then shifted these numbers based on a defined sequence. For example, the sequence might be 3,2,1, meaning to shift the first letter of a word three places, the second two places, and the third one place, and then start the sequence over again for the fourth letter. Finally, the Number Nurturers represented each letter with its

corresponding number in the alphabet but reversed the order of numbers in a word. So, 'CAB' would be written as '312' and then reversed to become '213'. Despite their different systems, the people of Crypton coexisted harmoniously, swapping coded messages and indulging in cryptic competitions. The city buzzed with the magic of cryptography, with its secrets safely locked in the minds of its people. As generations passed, the art of code-breaking became as natural to them as breathing, keeping their minds alert and alive. Professor Codebreak's idea had not only made Crypton unique but also sparked intellectual growth in its citizens. The town stood as a testament to the power of codes, showcasing a successful blend of communication, intellect, and community.

SECTION A – ENGLISH

25. Ans. a

Sol. Option (a) is correct because the last sentence in the passage states that "The town stood as a testament to the power of codes, showcasing a successful blend of communication, intellect, and community." This best aligns with the idea that Crypton showcased the importance of coding in communication and the intellectual development of its citizens. Option (b) is incorrect because, while the passage talks about the proficiency of Crypton's citizens in code-breaking, it does not suggest that Crypton was a hub for codebreakers worldwide. Option (c) is incorrect because the passage does not imply that Crypton was secretive or insular. Rather, it suggests that its unique communication system was used to stimulate intellectual growth among its citizens. Option (d) is incorrect because, although Professor Codebreak's vision played a significant role in the establishment of Crypton, the town is portrayed as a testament to the power of codes, rather than an embodiment of the Professor's eccentricity.

26. Ans. b

Sol. Option (b) is correct because, in the passage, it's described that Sequence Shifters use a defined sequence shift, similar to how Fibonacci Folks use the Fibonacci series as their encoding method. Option (a) is incorrect because, while Alphabet Alternates does involve the alphabet, it doesn't strictly follow the alphabetical order. Instead, it uses an alternating code pattern for words. Option (c) is incorrect because, while the Number Nurturers do deal with numbers, they specifically reverse the order of numbers in a word rather than just using numbers in general. Option (d) is incorrect because, while Professor Codebreak is a significant figure in Crypton, he isn't tied to a specific coding method like the Fibonacci Folks are with the Fibonacci series.

27. Ans. a

Sol. Option (a) is correct because the phrase "The city buzzed with the magic of cryptography" is a metaphor. It doesn't literally mean that the city was buzzing, or that cryptography is magical. Instead, it is using vivid and imaginative language to convey the excitement and intrigue of the city's unique communication systems. Option (b) is incorrect because it's a metaphorical statement, but it doesn't use a comparison between two unlike things, which is a characteristic of a metaphor. It's more of a symbolic representation. Option (c) is incorrect because it's a simile, not a metaphor. It directly compares the proficiency of Crypton's citizens in code-breaking to the natural process of breathing using "as". Option (d) is incorrect because it's a factual statement about the different coding systems used in different neighborhoods of Crypton, not a metaphor.

28. Ans. b

Sol. Option (b) is correct because the passage implies that the coded communication system of Crypton was not just about exchanging messages but also about stimulating the intellect and creating a sense of community among the residents. This matches the idea that the communication system was a successful mix of intellectual stimulation, effective communication, and community bonding. Option (a) is incorrect because, while the passage does present Crypton positively, it does not make any claims about it being a 'utopian society.' Option (c) is incorrect because, although the codes used in Crypton might be difficult for outsiders to comprehend, the passage does not portray Crypton as a 'mysterious place.' Option (d) is incorrect because the passage does not mention anything about Crypton being famous for its libraries or educational institutions. The focus is on the unique communication system and its effects on the community, not on traditional educational resources.

29. Ans. b

Sol. Option (b) is correct because the passage states that the codes were a functional part of daily communication in Crypton, intended to encourage the residents to keep their minds sharp. This contradicts the notion that the communication system was designed to exclude outsiders. Option (a) is incorrect because, while the communication system in Crypton was complex, the passage does not suggest that it was designed to deter foreign spies. Option (c) is incorrect because, while the codes are a part of Crypton's cultural heritage, the passage describes them as a functional part of daily communication, not as having no practical use. Option (d) is incorrect because the passage does not state that residents were forbidden to communicate in any language other than their codes. The focus is on the unique communication system and its effects on the community, not on language restrictions.

SECTION B – LOGICAL REASONING

30. Ans. c

Sol. Option (c) is correct because the passage states that "As generations passed, the art of code-breaking became as natural to them as breathing." This indicates that the residents of Crypton had a natural proficiency for code-breaking due to their consistent engagement with complex communication systems. Option (a) is incorrect because the passage does not state that residents were discouraged from using simple languages. Instead, it describes various complex coding systems used for communication. Option (b) is incorrect because the passage does not provide any information about Crypton's literacy rate in comparison to other cities. Option (d) is incorrect because, while the codes used for communication in Crypton might be difficult for outsiders to understand, the passage does not suggest that they were designed with the intention to exclude outsiders. The main purpose of these codes was to stimulate intellectual growth among the residents.

31. Ans. c

Sol. Option (c) is correct because the passage states that Professor Codebreak, the founder of Crypton, believed that using code for everyday communication would encourage the residents to keep their minds sharp. This indicates that the coded communication system was designed with the intention to keep citizens mentally active. Option (a) is incorrect because the passage states that the people of Crypton coexisted harmoniously and were proficient at code-breaking. It does not imply that the communication system was confusing or led to misunderstandings. Option (b) is incorrect because the passage implies that the codes were a functional part of daily

communication in Crypton. It doesn't suggest that this system was ineffective. Option (d) is incorrect because the passage does not explicitly state that the language was secretive or that outsiders couldn't comprehend it. The primary purpose of the codes, as per the passage, was to stimulate intellectual growth among the citizens, not to exclude outsiders.

32. Ans. a

Sol. Option (a) is correct because the Alphabet Alternates neighborhood uses an alternating code pattern. Here, the first letter would be one step ahead in the alphabet, the second letter would be one step back, the third one step ahead again, and so on. So, 'B' would become 'A', 'E' would become 'F', 'A' would become 'B', and 'M' would become 'N'. Therefore, "BEAM" would be interpreted as "AFBN". Hence, (a).

33. Ans. d

Sol. Option (d) is correct because the Number Nurturers neighborhood represents each letter with its corresponding number in the alphabet but reverses the order of numbers in a word. So, the number '13524' should be reversed first to get '42531'. These numbers correspond to the 4th ('D'), 2nd ('B'), 5th ('E'), 3rd ('C'), and 1st ('A') letters in the alphabet. Therefore, "13524" would be interpreted as "DBECA". Hence (d).

34. Ans. a

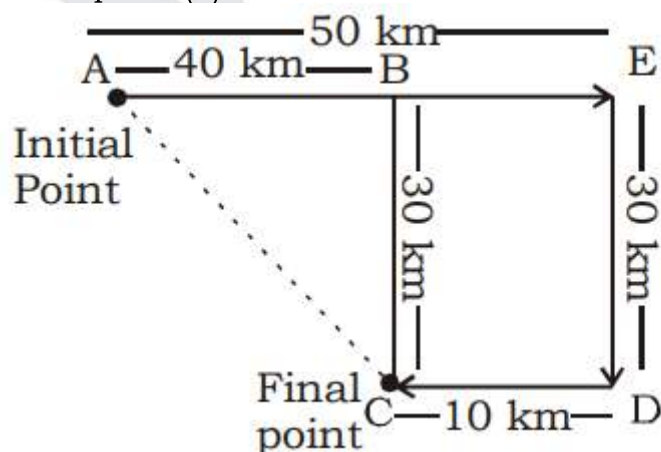
Sol. Option (a) is correct because the Sequence Shifters shift the letters based on a defined sequence. In this case, the sequence is 3,2,1. So, 'C' would be shifted three places to 'F', 'O' two places to 'Q', 'D' one place to 'E', and 'E' three places (repeating the sequence) to 'H'. Therefore, "CODE" would be encoded as "FQEH". Hence (a).

35. Ans. a

Sol. Option (a) is correct. Because the passage is stated that R is heavier than T but lighter than U. that means $U > R > T$. Also, Q is lighter than only P that means P is the heaviest among them and $P > Q$. Also, T is not the lightest that means S is the lightest among them. The order should be $P > Q > U > R > T > S$. The weight of T is 50 kg and the weight of U is 63 kg. The weight of 49 kg could be possible of S. Hence, (a).

36. Ans. a

Sol. Option (a) is correct. Because



Hence, (a).

Passage-IV

Section 220 of Code of Criminal Procedure- If, in one series of acts so connected together as to form the same transaction, more offences than one are committed by the same person, he may be charged with, and tried at one trial for, every such offence.

The Supreme Court has ruled that whether two or more acts constitute the same transaction for the purpose of being tried together under Section 220 of the Code of Criminal Procedure is a question of fact. The court dismissed an appeal that challenged the order of the Uttarakhand High Court, which upheld the decision of the Court of Sessions Judge, Chamoli to discharge the accused in respect of a set of offences for want of jurisdiction. The Sessions Court discharged the accused because the offences alleged by the appellant did not met the requirement of Section 220 Cr.P.C. for being tried together. The Supreme Court held that the offences under Sections 376, and 380 IPC did not form 'one series of acts so connected together as to form the same transaction' for the purpose of trial together in terms of Section 220 CrPC. The complaint raised allegations of different offences, of different nature, and at different places of occurrence, but committed by the same person and against the same person. One set of allegations was that of the offence of rape in Delhi, and the other was of theft in the dwelling house which happens to be hers in her village in Chamoli. The Court referred to its previous judgment in Mohan Baitha And Ors. v. State of Bihar And Anr. and noted that there is no formula of universal application to determine when two or more acts could be considered to constitute the 'same transaction.' However, certain core elements like proximity of time, unity or proximity of place, continuity of action, and community of purpose or design can be considered.

Applying the same to the facts of the present case, the Court noted that the sexual offence took place at Delhi in February/March 2016, whereas the other offences took place around November 2016 at Chamoli. Therefore, they cannot be said to be proximate in time or place. Moreover, the alleged act of rape was completed in Delhi, as there was no allegation of continuance of such activity at Chamoli, and there was also no relation with the incident of theft in dwelling house of hers, of which the accused had no knowledge that the house belonged to her in Chamoli. Therefore, the Court held that the two sets of offences are not connected and do not form the same transaction.

A person who has once been tried by a Court of competent jurisdiction for an offence and convicted or acquitted of such offence shall, while such conviction or acquittal remains in force, not be liable to be tried again for the same offence. The accused cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy enshrined in the fundamental right of Article 20(2) of the Constitution of India and Section 300 of the Cr.P.C. but an appeal against such order can be made to the upper court.

SECTION A – ENGLISH

37. Ans. c

Sol: Option (c) is correct. The difference is in the use of the Tenses. Here, a Past Perfect Tense is required to make the sentence correct. It should be 'had discharged' so as to be correct according to the rest of the words in the Past Tense, 'alleged' and 'tried together'. Second error is in the use of the word 'met'. The correct use is 'did not meet' instead of 'did not met'. The third error is the use of the word, 'tied together'. It should be 'tried together' instead. Therefore options (a), (b) and (d) are ruled out. Hence (c)

38. Ans. d

Sol: Option (d) is correct. In the legal terminology the word 'enshrined' when used for a right, principal or a law, it means that the principle is included, protected and respected

in the constitution. The rest of the words have different contextual uses. Option (a) can be used as 'preserving the food'; Consecration of a place 'it means to make holy and sacred; 'cherished can be used with memories'. Hence (d)

39. Ans. c

Sol: Option (c) is correct. It is understood from the first paragraph last few lines, 'there is no formula of universal application to determine when two or more acts could be considered to constitute the 'same transaction.' However, certain core elements like proximity of time, unity or proximity of place, continuity of action, and community of purpose or design can be considered.' Hence (c)

40. Ans. b

Sol: Option (b) is correct. This is according to what is discussed in the passage. Option (a) is incorrect as it gives two contradictory statements. Options (a), (c) and (d) are distorted ones. Hence (b).

41. Ans. c

Sol: Option (c) is correct. It can be understood from the construction of the passage. The first paragraph states very clearly the point of the author the Section 220 of Code of Criminal Procedure' which is then followed by the example of a case in the Uttarakhand High Court. Hence (c).

SECTION B – LOGICAL REASONING

42. Ans. b

Sol: Option (b) is correct. It is contradicted in the last paragraph. The rest of the three options are correct as they are stated in the last paragraph.' A person who has once been tried by a Court of competent jurisdiction for an offence and convicted or acquitted of such offence shall, while such conviction or acquittal remains in force, not be liable to be tried again for the same offence. The accused cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy enshrined in the fundamental right of Article 20(2) of the Constitution of India and Section 300 of the Cr.P.C. but an appeal against such order can be made to the upper court.' Hence (b).

43. Ans. c

Sol: Option (c) is correct. it can be understood from the last paragraph , 'Therefore, the Court held that the two sets of offences are not connected and do not form the same transaction. A person who has once been tried by a Court of competent jurisdiction for an offence and convicted or acquitted of such offence shall, while such conviction or acquittal remains in force, not be liable to be tried again for the same offence. The accused cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy enshrined in the fundamental right'. Hence (c).

44. Ans. b

Sol: Option (b) is correct because the passage states that the offences in the case mentioned took place at different times and places (Delhi and Chamoli) and were not considered to be part of the same transaction. In the hypothetical situation, Vidhan's offences also took place at different times and places (Mumbai and Chennai). Further there is no continuity of action or purpose so they cannot be tried together under Section 220 of the Code of Criminal Procedure. Option (a) is incorrect because, although both offences were committed by the same person and against the same person, the

passage states that there is no formula of universal application to determine when two or more acts could be considered to constitute the 'same transaction.' Certain core elements like proximity of time, unity or proximity of place, continuity of action, and community of purpose or design need to be considered. Option (c) is incorrect because the passage does not indicate that the similarity of offences is a determining factor for being tried together under Section 220 of the Code of Criminal Procedure. Option (d) is incorrect because, the continuity of action is one of the elements mentioned in the passage but here there is no continuity of action. Hence (b)

45. Ans. d

Sol: Option (d) is correct because the passage states that a person who has once been tried by a Court of competent jurisdiction for an offence and convicted or acquitted of such offence shall, while such conviction or acquittal remains in force, not be liable to be tried again for the same offence. The accused cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy enshrined in Article 20(2) of the Constitution of India and Section 300 of the Cr.P.C. Option (a) is incorrect because the fact that the offences took place in different cities is not the determining factor in assessing whether the principle of double jeopardy applies. Option (b) is incorrect because the nature of the offences is not the determining factor in assessing whether the principle of double jeopardy applies. Option (c) is incorrect because it cannot be determined by accused, whether he has committed any or not. It has to be decided by the competent court. Hence (c)

46. Ans. b

Sol: Option (b) is correct because the passage states that certain core elements, such as proximity of time, unity or proximity of place, continuity of action, and community of purpose or design, can be considered in determining whether two or more acts constitute the 'same transaction.' In this situation, there is a proximity of time and continuity of actions by Vidhan against Vidhi as Vidhan allegedly stole Vidhi's purse to pressure her into meeting him where the assault took place. Option (a) is incorrect because simply having the same person as the perpetrator and the victim is not conclusive to determine whether the offences constitute the 'same transaction.' Option (b) provides a more inclusive option.

47. Ans. d

Sol: Option (d) is correct because the passage states that retrial would be in derogation of the principle of double jeopardy enshrined in Article 20(2) of the Constitution of India and Section 300 of the Cr.P.C. Since Vinil has already been acquitted for the fraud offence against Vidhan in Delhi, he cannot be tried again for the same offence in Hyderabad. Option (a) is incorrect because the fact that accused has committed theft earlier cannot give the right to court trying subsequent charge of theft to include the earlier case of theft. Option (b) is incorrect because the passage nowhere provides that a court's efficiency to try the case depends on the fact that it has all similar cases against the accused. Option (c) is incorrect because the timing or place of the offences are not the determining factor in assessing the applicability of the principle of double jeopardy. Hence (d).

48. Ans. d

Sol. Option (d) is correct. All are true statements. (I) and (II) are true because the passage provides that a person who has once been tried by a Court of competent

jurisdiction for an offence and convicted or acquitted of such offence shall, while such conviction or acquittal remains in force, not be liable to be tried again for the same offence. Therefore after either conviction or acquittal, the accused cannot be again tried but against such order an appeal can be done. (III) is true because in *Mohan Baitha And Ors. v. State of Bihar And Anr.* Court noted that there is no formula of universal application to determine when two or more acts could be considered to constitute the 'same transaction.' However, certain core elements like proximity of time, unity or proximity of place, continuity of action, and community of purpose or design can be considered. It is not necessary that all should be present to constitute same transaction. If some of them can sufficiently establish the same transaction then the accused can be tried for the offences in that transaction together. (IV) is true because passage provides that the accused cannot be subjected to retrial as the same would be in derogation of the principle of double jeopardy enshrined in Article 20(2) of the Constitution of India and Section 300 of the Cr.P.C. Article 20(2) is the fundamental right. Further in laymen's understanding also, it should be a human right to not be subjected to trial twice for one offence. Hence (d).

Passage-V

In the world of professional tennis, mastery extends beyond the mere act of hitting a ball over a net. Indeed, a player's ability to assess their opponent's strategy, exploit weaknesses, and adapt to changing conditions is as critical to winning a match as their physical prowess. Consider the grueling five-set contest at Wimbledon 2023, where renowned veterans Adam Fletcher and Gustavo Mireles, known for their distinct playing styles, faced off. Fletcher, the top seed, was an aggressive player. His power serves frequently exceeded 130 mph, and his topspin-heavy groundstrokes often pushed opponents deep behind the baseline. Off the court, he had an unrivaled training regimen to maintain his strength, allowing him to maintain these offensive tactics throughout long matches. On the other hand, Mireles was famous for his defensive strategies. He was a counter-puncher, capable of chasing down any ball, returning it with accuracy and poise. Although he couldn't match Fletcher's raw power, Mireles possessed superior agility and stamina, which allowed him to outlast opponents during long rallies. His patience and intelligence on the court often frustrated opponents into making errors.

During their encounter, Fletcher and Mireles exhibited these characteristic traits. Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game. Mireles, on the other hand, focused on keeping the ball in play and moving Fletcher around the court, hoping to wear him down and force him into errors. The match extended into a fifth set, each player adjusting their strategies as the game progressed. Fletcher aimed to preserve his energy, placing greater emphasis on his first serve and seeking opportunities to approach the net for easy volleys. Mireles, recognizing this, started to use more defensive lobs and passing shots to keep Fletcher off the net. Throughout the match, both players exhibited mental resilience and physical endurance, adjusting to the fluctuating momentum of the game. Fletcher's power and Mireles's defense resulted in a thrilling contest that will be remembered as one of the great clashes of tennis history. The match showcased the strategic depth of tennis, where the complex interplay of physical strength, tactical thinking, and adaptability determined the outcome. It underlined the fact that tennis, like many sports, is not just about athletic prowess but also about strategic intelligence, resilience, and the ability to adapt.

SECTION A – ENGLISH

49. Ans. b

Sol. Option (b) is correct. The passage provides a detailed account of a tennis match between Adam Fletcher and Gustavo Mireles. It includes a thorough analysis of both players' styles, strategies, and tactics during the game, which classifies the text as a "Game Analysis." Option (a) is incorrect because the passage is not a personal story told by the author from his/her own experience. Instead, it is a third-person recount of a tennis match. Option (c) is incorrect because, although the passage does recount a specific event, it does not give a broad historical context or reflection. Instead, it focuses on the tactics and strategies of a single match. Option (d) is incorrect because the passage is not a work of speculative fiction based on futuristic or scientific concepts. Instead, it is a factual account of a tennis match. Hence (b).

50. Ans. c

Sol. Option (c) is correct. The passage directly mentions that Fletcher is an aggressive player. His tactics involve powerful serves and topspin-heavy groundstrokes, which are offensive strategies intended to control the game and keep his opponents on the defensive. Option (a) is incorrect because the passage states that Fletcher's power serves and topspin-heavy groundstrokes often forced his opponents to move deep behind the baseline, implying an aggressive rather than defensive style. Option (b) is incorrect because, while balance between offense and defense is essential in tennis, the passage primarily highlights Fletcher's aggressive, offensive style, with no mention of his defensive skills. Option (d) is incorrect because Fletcher aims to end points quickly, as mentioned in the passage, which contradicts the idea of him relying on long rallies to exhaust his opponents. His aggressive playstyle is designed to keep control of the game, not extend it unnecessarily. Hence (c).

51. Ans. d

Sol. Option (d) is correct. The passage clearly describes Mireles's playstyle as defensive. He is known for his ability to chase down any ball and return it with precision, often causing frustration in his opponents and inducing them into making errors. Option (a) is incorrect because the passage does not mention Mireles using power serves to control the game. His playstyle is described as defensive rather than offensive. Option (b) is incorrect because, contrary to this option, the passage describes Mireles as a player who keeps the ball in play and moves his opponent around the court. He does not seek to end points quickly with aggressive groundstrokes. Option (c) is incorrect because the passage describes Mireles as a defensive player rather than an aggressive one. He doesn't push opponents behind the baseline; instead, he uses his superior agility and stamina to chase down any ball and return it with accuracy. Hence (d).

52. Ans. c

Sol. Option (c) is correct. In the context of the passage, "interplay" refers to the dynamic exchange or interaction between physical strength, tactical thinking, and adaptability in tennis, thus best aligning with the meaning of "interchange". Option (a) is incorrect because the term "interplay" does not denote a conflict. Instead, it refers to the interaction between different elements. Option (b) is incorrect because, while "interplay" can involve elements working together, it does not necessarily imply cooperation or agreement. Option (d) is incorrect because "interplay" does not refer to an intrusion or disturbance. It signifies an interaction, not an interruption or invasion. Hence (c).

53. Ans. b

Sol. Option (b) is correct. The passage mentions that Mireles started using more defensive lobs and passing shots to keep Fletcher off the net. This demonstrates a strategic adjustment in response to Fletcher's tactics, implying adaptability and strategic thinking on Mireles's part. Option (a) is incorrect because the passage states that Mireles was known for his defensive strategies and had superior agility and stamina, which allowed him to compete against Fletcher's aggressive play style. His tactics were different, not inferior. Option (c) is incorrect because the passage doesn't suggest that Mireles was losing or desperately trying new tactics. Instead, it highlights Mireles's adaptability in changing his strategies based on his opponent's play style. Option (d) is incorrect because the passage describes Mireles as a skilled player with superior agility and stamina. His use of defensive lobs and passing shots was not due to a lack of skill, but a strategic decision in response to Fletcher's game plan. Hence (b).

SECTION B – LOGICAL REASONING

54. Ans. d

Sol. Option (d) is correct. The passage does not mention anywhere that Fletcher exploited Mireles's lack of power in his serves. Fletcher's tactics revolved around his own power and aggressiveness, not exploiting his opponent's weaknesses. Option (a) is incorrect because the passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." This indicates that he did rely on his power serves during the match. Option (b) is incorrect because the passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." Therefore, he did try to end points quickly with aggressive groundstrokes. Option (c) is incorrect because the passage states that "Fletcher aimed to preserve his energy, placing greater emphasis on his first serve and seeking opportunities to approach the net for easy volleys." This shows that he did approach the net during the game. Hence (d).

55. Ans. b

Sol. Option (b) is correct. The passage states that "Mireles, on the other hand, focused on keeping the ball in play and moving Fletcher around the court, hoping to wear him down and force him into errors." Davis's balanced style might be more effective against Mireles, who relies more on outlasting opponents rather than overpowering them. This, coupled with Mireles' patience and intelligence, may give Davis an edge given that he lacks mental resilience. Option (a) is incorrect because the passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." Given that Davis has a balanced game of power and defense, he might be able to withstand Fletcher's power, but Fletcher's mental resilience might be a key advantage. Option (c) is incorrect because, while Davis's balanced style might fare well against both players, his lack of mental resilience is likely to be a significant disadvantage against Fletcher, who has both power and mental resilience. Option (d) is incorrect because we can infer from the passage and the given information about Davis's playing style that he is likely to fare better against Mireles. Hence (b)

56. Ans. b

Sol. Option (b) is correct. The passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." Mia, with her defensive strategies similar to Mireles, could potentially counteract Fletcher's aggressive playstyle, and her mental resilience (similar to Fletcher's) could aid her in enduring the high-pressure points that come with Fletcher's aggressive style. Option (a) is incorrect

because the passage states that "Mireles was famous for his defensive strategies... His patience and intelligence on the court often frustrated opponents into making errors." Since Mia mirrors Gustavo's defensive strategies, it may result in a long drawn-out game with fewer errors. However, the winner would be difficult to predict as they share similar strategies. Option (c) is incorrect because, while Mia's playstyle might challenge both players, her defensive strategies are likely to counteract Fletcher's power-focused approach more effectively. Option (d) is incorrect because the passage provides sufficient information about both Fletcher's and Mireles's strategies to infer Mia's potential performance against them. Hence (b).

57. Ans. b

Sol. Option (b) is correct. The passage states that "Mireles was famous for his defensive strategies. He was a counter-puncher, capable of chasing down any ball, returning it with accuracy and poise." Mireles's defensive strategy would likely fare better under conditions that slow down the speed of serves and groundstrokes as it would allow him to extend the rallies and capitalize on his superior agility and stamina. Option (a) is incorrect because the passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." If the court conditions slow down the speed of serves and groundstrokes, it would likely reduce the effectiveness of Fletcher's aggressive playstyle. Option (c) is incorrect because the change in court conditions would likely favor Mireles's defensive strategies more than Fletcher's power-oriented game. Option (d) is incorrect because the passage provides sufficient information about both players' styles of play to infer their potential performance under these specific court conditions. Hence (b).

58. Ans. b

Sol. Option (b) is correct. The passage states that "Fletcher aimed to preserve his energy, placing greater emphasis on his first serve and seeking opportunities to approach the net for easy volleys." This would suggest that in a doubles team, Fletcher would likely be positioned at the net, playing aggressively. The passage also describes Mireles as a player who "focused on keeping the ball in play and moving Fletcher around the court, hoping to wear him down and force him into errors." Therefore, Mireles would likely be positioned at the baseline, playing defensively. Option (a) is incorrect because the passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." Therefore, it would not be in the team's best interest to have Fletcher play defensively. Option (c) is incorrect because, as stated earlier, Fletcher's aggressive style would likely be better utilized at the net, while Mireles's defensive strategies would be more effective at the baseline. Option (d) is incorrect because the passage suggests that Mireles is more of a defensive player, not an aggressive one. Therefore, both players playing at the net with aggressive strategies would not play to Mireles's strengths. Hence (b).

59. Ans. a

Sol. Option (a) is correct. the passage states that "Adam Fletcher had mental resilience, a crucial quality that allowed him to endure high-pressure points and produce incredible shots when it mattered the most." This indicates that Adam is accustomed to high-pressure situations and has shown the ability to perform well under such circumstances. Option (b) is incorrect because, while the passage mentions Gustavo's defensive strategies and patience, it does not indicate that he has the same level of mental resilience as Adam when it comes to handling high-pressure situations. Option

(c) is incorrect because, as mentioned earlier, the passage provides stronger evidence of Adam's ability to perform well in high-pressure situations compared to Gustavo. Option (d) is incorrect because the passage provides enough information about the players' respective mental toughness and strategies to infer their potential performance in a high-pressure situation. Hence (a).

60. Ans. b

Sol. Option (b) is correct. The passage states that "Mireles was famous for his defensive strategies. He was a counter-puncher, capable of chasing down any ball, returning it with accuracy and poise." Given that Mireles already plays defensively, he would likely be able to adapt his strategy to cope with an opponent with a powerful serve and aggressive groundstrokes. Option (a) is incorrect because the passage states that "Fletcher aimed to end points quickly, using his power serves and groundstrokes to control the game." It does not mention anything about his adaptability or his ability to change his game plan to suit an opponent's style. Option (c) is incorrect because the passage provides more evidence of Mireles's potential adaptability than Fletcher's. Option (d) is incorrect because the passage provides enough information about the players' respective play styles to infer their potential adaptability against an opponent with a powerful serve and aggressive groundstrokes. Hence (b).

Section A - English

61. Ans. b

Sol: Option (b) is correct. In the context of the passage, when Sir William Beveridge mentions that individuals may "build freely upon" the social insurance, he is referring to the idea that individuals should be able to use the benefits provided by social insurance as a foundation for improving their well-being and quality of life. Hence (b).

62. Ans. a

Sol: Option (a) is correct. the primary purpose of the social assistance is to socially immune the needy who are unable to do so by subscribing themselves to the social security schemes as they lack resources to pay the premiums. It is primarily a welfare activity of the government. Hence (a)

63. Ans. b

Sol: Option (b) is correct. The statement "Participation is compulsory with few exceptions" is an example of antithesis. Antithesis is a rhetorical device where two contrasting or opposing ideas are placed in close proximity to create a contrast and highlight their differences. In this case, the contrast is between "compulsory" and "few exceptions," emphasizing the idea that while participation is generally required, there are limited situations where it is not mandatory. Hence (b).

64. Ans. d

Sol: Option (d) is correct. the statement indicates that the government is strategic in assessing the places where the government funds are to be utilized. Hence (d).

65. Ans. b

Sol: Option (b) is correct. "Gratis" is a Latin word that means "free" or "without charge." In English, it is used to refer to something that is given or provided without any cost or payment. For example, if a service or item is offered "gratis," it means it is being offered for free. In contrast to this, social insurance is given in return of a premium. Hence (b).

Section B - Logical Reasoning**66. Ans. a**

Sol: Option (a) is correct. Social insurance involves setting aside money (contributions) to provide compensation against loss in emergencies, much like paying taxes for public services involves contributing to a collective fund to support common needs. Hence (a).

67. Ans. c

Sol: Option (c) is correct. The passage states that social assistance programs are financed from taxation, which means that the primary source of funding is through taxes collected by the government. Hence (c).

68. Ans. b

Sol: Option (b) is correct. According to the passage, in social assistance, a person's other income and resources are taken into account while assessing the need for benefits. Certain resources, like personal savings, may be disregarded, but the benefits are designed to bring a person's total income up to a community-determined maximum. Hence (b).

69. Ans. a

Sol: Option (a) is correct. The assumptions are reasonable, and the conclusion logically follows. If people contribute willingly, and the system is well-managed, then social insurance would effectively provide a safety net. Hence (a).

70. Ans. a

Sol: Option (a) is correct. Social insurance, like contributing to a retirement savings account, involves setting aside money for future benefits in times of need or emergencies. Hence (a).

71. Ans. c

Sol: Option (c) is correct. The most appropriate course of action is to provide tax deductions or credits to individuals who actively contribute to social insurance funds. By offering incentives, such as tax benefits, the government can encourage more people to participate in the social insurance system, ensuring its sustainability and increasing the overall coverage and support for those in need. Options (a) and (b) may create an imbalance and deter participation. Option (d), imposing penalties, may not be as effective as offering positive incentives to promote participation. Hence (c).

72. Ans. b

Sol: Option (b) is correct. The most appropriate course of action is to conduct workshops and seminars to inform people about the benefits of social assistance. This will help raise awareness and ensure that those in need are aware of the available programs and how to access them. Increasing the eligibility criteria (Option (a)) might make it harder for deserving individuals to receive assistance. Reducing funding for social assistance (Option (c)) would be counterproductive in addressing poverty and meeting the needs of the needy. Implementing stricter means testing (Option (d)) could add unnecessary bureaucratic hurdles and may not necessarily increase awareness about the programs. Hence (b).

73. Ans. b

Sol. Option (b) is correct because the passage states that "This radical premise was initially met with skepticism by the majority, but it increasingly gained traction over time." This suggests that the author views the Disruptors as a group bringing about a change in thought that is gradually being accepted, indicating a refreshing shift in the city's intellectual climate. Option (a) is incorrect because the passage does not indicate that the author perceives the Disruptors as a threat. There is no language or sentiment expressed that suggests a sense of danger or hostility towards the Disruptors. Option (c) is incorrect because the passage suggests that the author is open to the idea of the Disruptors and their belief, with no explicit statement of disregard or dismissal of their views. Option (d) is incorrect because there is no suggestion in the passage that the author views the Disruptors as a diversion. Rather, the author presents them as an integral part of the city's intellectual landscape.

74. Ans. a

Sol. Option (a) is correct because the passage states that "The Disruptors were a minority group, not conforming to the established norms of the Analysts or the Synthesists," which suggests that the Analysts and Synthesists did not agree with the Disruptors' beliefs, making statement (1) true. However, the passage also states that the beliefs of the Empathics, who resided in Emotiva, led to "an intense rivalry between the two cities," suggesting that their beliefs were not embraced by the citizens of Cognito, making statement (2) false. Option (b) is incorrect because the passage does not suggest that both (1) and (2) are true. While the disagreement of the Analysts and Synthesists with the Disruptors is mentioned, there is no indication that the citizens of Cognito embraced the beliefs of the Empathics. Option (c) is incorrect because, according to the passage, the beliefs of the Empathics were not embraced by the citizens of Cognito, thus making (2) false. The disagreement between the Analysts and Synthesists and the Disruptors is clearly mentioned, making (1) true. Option (d) is incorrect because it inaccurately asserts that the citizens of Cognito embraced the beliefs of the Empathics, which contradicts the passage's description of "an intense rivalry between the two cities." Therefore, (2) cannot be inferred from the text. Hence (a).

75. Ans. c

Sol. Option (c) is correct because the passage illustrates the city's intellectual life in rich detail and describes it as a place where "the dance of logic and reasoning was never-ending, a spectacle that offered a wealth of material for intellectual exploration and understanding." This description reflects a sense of admiration for Cognito's intellectual environment. Option (a) is incorrect because the author does not express any disdain for the logical approach of Cognito. Instead, the passage displays a detailed understanding and acceptance of the city's analytical and synthetic tendencies. Option (b) is incorrect because there is no evidence in the passage that suggests the author's indifference. The author provides a vivid and detailed description of Cognito, indicating active engagement and interest. Option (d) is incorrect because while the passage does acknowledge the contrasting views of the Empathics, there is no sentiment of resentment conveyed. The author objectively narrates the rivalry between the cities, without implying personal bias or resentment. Hence (c).

76. Ans. a

Sol. Option (a) is correct because the sentence states that an intellectual in Cognito possesses either analytical prowess or synthetic dexterity, but not both. This implies

that they specialize in one intellectual approach, whether it be analysis or synthesis. Option (b) is incorrect because the passage does not suggest that the Analysts and Synthesists are incapable of understanding each other's views. They may follow different intellectual paths, but there's no indication they can't comprehend each other's perspective. Option (c) is incorrect because the passage does not suggest that inhabitants of Cognito are limited in their cognitive abilities. Rather, they specialize in different areas of cognitive capabilities. Option (d) is incorrect because there's no implication in the passage that the Disruptors are considered intellectually inferior due to their beliefs. The passage states that their belief "increasingly gained traction over time," suggesting that they were gaining acceptance, not deemed inferior. Hence (a).

77. Ans. b

Sol. Option (b) is correct because the word 'skepticism' is used to describe an attitude of doubt or a disposition to incredulity either in general or toward a particular object. In the passage, this term is used to describe the initial response to the Disruptors' belief. Option (a) is incorrect because the word 'dissecting', as used in the passage, is associated with the Analysts' method of understanding things by breaking them down into smaller parts for examination. It does not mean 'to doubt'. Option (c) is incorrect because 'melody' refers to a sequence of single notes that is musically satisfying. It does not mean 'to doubt'. Option (d) is incorrect because 'prowess' is used in the passage to refer to skill or expertise. It has no connection to the concept of doubt. Hence (b).

SECTION B – LOGICAL REASONING

78. Ans. b

Sol. Option (b) is correct because according to the passage, every intellectual in Cognito either possesses analytical prowess or synthetic dexterity, but not both. Since the Synthesists are described as possessing synthetic dexterity, it logically follows that they cannot have analytical prowess, which is the defining characteristic of the Analysts. Option (a) is incorrect because the passage clearly states that each individual in Cognito possesses either analytical prowess (which is associated with the Analysts) or synthetic dexterity (which is associated with the Synthesists), but not both. Therefore, it is not possible for all Analysts to also be Synthesists. Option (c) is incorrect because while the passage describes the Disruptors as believing an individual could encompass both analytical prowess and synthetic dexterity, it does not specifically state that every Disruptor possesses both these abilities. The passage suggests that this is their belief, but it doesn't confirm that every Disruptor is both an Analyst and a Synthesist. Option (d) is incorrect because the Empathics are residents of Emotiva, a neighbouring city, not Cognito. There is no information given in the passage that would suggest the Empathics are a mix of Analysts and Synthesists. The Empathics' defining characteristic, according to the passage, is their emotional intelligence and capability for empathy, which is distinct from the attributes of the Analysts and Synthesists. Hence (b).

79. Ans. b

Sol. Option (b) is correct because it follows directly from the Analysts' axiom. They state that not all objects that shine with a lustrous yellow hue are necessarily gold, which implies that some objects that shine in this way may not be gold. Option (a) is incorrect because, as per the axiom of the Analysts: "If an object is made of gold, it must shine with a lustrous yellow hue. Conversely, not all that shines with a lustrous yellow hue is necessarily gold." This directly contradicts the statement that everything that shines with a lustrous yellow hue is made of gold. Option (c) is incorrect because the axiom of

the Analysts clearly states that if an object is made of gold, it must shine with a lustrous yellow hue. Therefore, an object that does not shine with this hue cannot be gold. Option (d) is incorrect because, while the Analysts' axiom specifies the characteristics of gold, it does not exclude the possibility that other materials might also shine with a lustrous yellow hue. The axiom simply does not provide enough information to confirm this statement. Hence (b).

80. Ans. a

Sol. Option (a) is correct because the Disruptors believe that an individual could encompass both analytical prowess (which is associated with the Analysts) and synthetic dexterity (which is associated with the Synthesists). Therefore, from the Disruptors' perspective, it could be possible that some Analysts might also possess synthetic dexterity. Option (b) is incorrect because the Disruptors are described as not conforming to the established norms of the Analysts or the Synthesists. They hold a perspective that an individual could encompass both analytical prowess and synthetic dexterity. This does not suggest that all Disruptors are either Analysts or Synthesists. Option (c) is incorrect because the passage clearly states that the Disruptors are a minority group in Cognito. Therefore, it is not possible that all inhabitants of Cognito are Disruptors. Option (d) is incorrect because the passage states that the Disruptors' perspective challenges the foundational truth of Cognito. However, it does not indicate that they do not believe in it. They merely hold a different interpretation of the foundational truth.

81. Ans. b

Sol. Option (b) is correct as it aligns with the Empathics' belief that "not all empathetic beings necessarily possess emotional intelligence." This statement implies that there are empathetic beings who may lack emotional intelligence. Option (a) is incorrect because the passage states: "All emotionally intelligent beings are capable of empathy, and yet, not all empathetic beings necessarily possess emotional intelligence." This contradicts the assertion that all empathetic beings are emotionally intelligent. Option (c) is incorrect because the Empathics believe that "All emotionally intelligent beings are capable of empathy," which indicates that emotional intelligence can lead to empathy. However, it does not imply that empathy cannot exist without emotional intelligence. Option (d) is incorrect because the Empathics believe that all emotionally intelligent beings are capable of empathy. This clearly suggests that they value emotional intelligence, as it is seen as a source of empathy.

82. Ans. b

Sol. Option (b) is correct because the passage states that the Disruptors are a minority group in Cognito that does not conform to the norms of the Analysts or Synthesists. Therefore, it is possible that some Disruptors might not fall into either of these categories. Option (a) is incorrect because, according to the passage, the Disruptors do not conform to the norms of the Analysts or Synthesists. This implies that the Synthesists and Disruptors are distinct groups, contradicting the assertion that all Synthesists are Disruptors. Option (c) is incorrect because there is no information in the passage suggesting that the Empathics, who live in the neighboring city of Emotiva and have different beliefs, could be a subset of the Analysts. Option (d) is incorrect because the passage explicitly mentions that the Disruptors are a minority group in Cognito, implying that not all intellectuals in Cognito are Disruptors.

83. Ans. c

Sol. Option (c) is correct. While the passage doesn't explicitly state this, it's plausible considering that the Disruptors challenge the norms and the Empathics from Emotiva demonstrate that intellectual abilities can coexist with emotional intelligence. Option (a) is incorrect because the foundational truth in Cognito asserts that every intellectual either possesses analytical prowess (associated with the Analysts) or synthetic dexterity (associated with the Synthesists), but not both. The Disruptors challenge this truth but are still a distinct group. Therefore, an individual can't be an Analyst, a Synthesist, and a Disruptor simultaneously. Option (b) is incorrect because the passage clearly states that the Analysts and Synthesists follow the foundational truth of Cognito, which asserts that an individual can either possess analytical prowess or synthetic dexterity, but not both. Thus, it's improbable that the Synthesists believe that all Analysts are capable of synthetic dexterity. Option (d) is incorrect because the passage does not provide any information about the Empathics' beliefs regarding the presence of Disruptors in Emotiva. We cannot make this deduction based on the provided text.

84. Ans. a

Sol. Option (a) is correct because it aligns with the foundational truth of Cognito, which states that "Every intellectual individual either possesses analytical prowess or synthetic dexterity." This seems to divide the intellectual sphere into two halves represented by analysts and synthesists. Option (b) is incorrect because, while the passage describes empathy as a significant trait in Emotiva, it does not indicate that the concept of empathy is unknown or alien in Cognito. Option (c) is incorrect because the passage explicitly mentions that the disruptors are a minority group in Cognito. This means that not all intellectually adept individuals in Cognito are disruptors. Option (d) is incorrect because the passage does not make any assertions about the inability of emotional intelligence to coexist with intellectual abilities. In fact, the empathics from Emotiva demonstrate that emotional intelligence can exist alongside intellectual abilities.

Passage-VIII

In the bustling city of Numerico, a metropolis known for its love of quantitative analysis, a comprehensive demographic survey was recently conducted. The city, home to a whopping population of 1,000,000 people, is often lauded for its analytical approach to city planning, resource allocation, and social services, all underpinned by a rigorous understanding of data. The survey, carried out by the city's top statisticians, collected a trove of fascinating demographic data. Age, occupation, income, educational attainment, and even favorite pastimes were all meticulously recorded. The data, now made publicly available, is being used by various stakeholders, including city officials, local businesses, and social scientists, to better understand the diverse tapestry that makes up Numerico's populace. One of the most intriguing findings from the survey is the age distribution across Numerico's population. Approximately 20% of the residents are under the age of 18, 60% are between the ages of 18 and 60, and the remaining 20% are above the age of 60. When broken down further, it was found that of the citizens above 60, half are over 70 years old. In terms of occupation, 30% of Numerico's residents work in the technology sector, another 30% are employed in healthcare, 20% are in education, 10% are in the arts, and the remaining 10% are spread across other fields. Interestingly, among the residents working in the technology sector, a fifth reported having secondary jobs, mostly in education or the arts.

As for income, the median annual household income in Numerico is \$80,000. However, income distribution varies greatly across different occupational sectors. For instance, those in the technology sector earn a median income of \$120,000 per year, while the

median income for those in the arts is \$40,000 per year. Regarding education, 50% of Numerico's adult population (18 years and above) hold at least a Bachelor's degree. Further, 25% of the population holds a Master's degree, and an impressive 5% hold a Doctoral degree. Interestingly, among the residents with a Doctoral degree, 60% are employed in education, 25% in technology, and the rest in diverse fields. Lastly, the survey recorded the favorite pastimes of Numerico's residents. Reading topped the list, followed by hiking, painting, and coding, revealing an eclectic blend of interests. These findings offer a vibrant snapshot of life in Numerico and present a unique opportunity for a detailed exploration and application of quantitative techniques. With this data in hand, the potential to identify trends, make predictions, and inform decision-making is vast. The city of Numerico is not just a city of numbers but a city of stories told through numbers. As such, it is an ideal playground for those who revel in the beauty and precision of quantitative analysis.

SECTION A – ENGLISH

85. Ans. a

Sol. Option (a) is correct because the author describes Numerico as "an ideal playground for those who revel in the beauty and precision of quantitative analysis." This indicates a sense of admiration or awe for the city's emphasis on numbers and data in decision-making processes. Option (b) is incorrect because the passage does not indicate any negative feelings towards the city's use of data. Instead, the author's tone suggests fascination and respect for Numerico's approach. Option (c) is incorrect because the author spends a considerable portion of the text describing the survey results, implying a strong interest rather than indifference. Option (d) is incorrect because there's no evidence in the passage that suggests the author envies the educational attainment of Numerico's residents. The mention of residents holding Doctoral degrees is presented as a factual part of the demographic data, not an object of envy.

86. Ans. a

Sol. Option (a) is correct because it is a metaphor that describes Numerico as "a city of stories told through numbers." This isn't a literal statement, rather it's a figurative one that equates the city's data analysis with storytelling. Option (b) is incorrect because it is not a metaphor, but a literal statement about Numerico's population size. The word "whopping" is used for emphasis, but it does not create a metaphorical image or comparison. Option (c) is incorrect because it is a statistical fact about the educational attainment in Numerico, and does not use figurative language or imply a comparison, which are key components of a metaphor. Option (d) is incorrect because it is also a statistical fact about the income of residents working in the technology sector in Numerico, and does not involve metaphorical or figurative language.

87. Ans. b

Sol. Option (b) is correct because the author highlights how various stakeholders use the demographic data to better understand the city's population and informs decision-making. The author also calls Numerico an "ideal playground" for those who appreciate "the beauty and precision of quantitative analysis". Option (a) is incorrect because the passage does not indicate any concerns about privacy. The focus is on the usefulness and application of the collected data, not on potential ethical issues surrounding data collection. Option (c) is incorrect because there is no suggestion in the passage that the author believes the focus on data neglects the human aspect of city governance. In fact, the author refers to the city's demographic data as a "vibrant snapshot of life", indicating

an appreciation for how data can capture the human element. Option (d) is incorrect because the author does not express any doubts about the accuracy or reliability of the demographic data. Rather, the data is described as "meticulously recorded" and "fascinating", implying a high level of trust in its validity.

88. Ans. b

Sol. Option (b) is correct because immediately following the quoted sentence, the author provides the detailed age distribution of Numerico's population, which exactly matches this option. Option (a) is incorrect because there is no direct correlation made between age and income distribution in the passage. The passage separately discusses age distribution and income, but doesn't establish a relationship between the two. Option (c) is incorrect because the passage does not specify the employment sectors for residents above the age of 60. Option (d) is incorrect because the passage does not specify the favorite pastimes according to age groups. It generally states that reading, hiking, painting, and coding are popular pastimes among the residents, without relating them to a specific age group.

89. Ans. c

Sol. Option (c) is correct because the author emphasizes the importance of Numerico's analytical approach to city planning, resource allocation, and social services. It is suggested that this data-driven method forms a significant part of the experience of living in Numerico. Option (a) is incorrect because the passage doesn't mention anything about the city's cultural heritage or historical landmarks. Option (b) is incorrect because, although the city uses a data-driven approach, the passage doesn't indicate that residents are actively involved in the decision-making processes. Option (d) is incorrect because the author does not mention any details about the city's nightlife or food scene in the passage.

SECTION B – LOGICAL REASONING

90. Ans. a

Sol. Option (a) is correct because the passage states that 20% of Numerico's residents are over 60 years old, and of these, half are over 70. Therefore, the number of residents over 70 is $0.5 * 0.2 * 1,000,000 = 100,000$. Option B is incorrect because, according to the passage, 10% of Numerico's residents work in the arts sector. Therefore, the number of residents working in the arts sector is $0.1 * 1,000,000 = 100,000$, not 50,000. Option C is incorrect because the passage mentions that 50% of Numerico's adult population holds at least a Bachelor's degree. Given that 60% of the population are adults (aged 18-60), the percentage of individuals with a Bachelor's degree is $0.5 * 0.6 * 1,000,000 = 300,000$, which is higher than the 30% of the population (300,000 individuals) employed in the healthcare sector. Option (d) is incorrect because the passage reveals that the median income for those in the technology sector is \$120,000 per year, while the median household income in Numerico is \$80,000. Although the income in the technology sector is higher, it's not twice the median household income. Hence (a).

91. Ans. b

Sol. Option (b) is correct because, as explained above, the calculation leads to 60,000 individuals who work in the technology sector and also have secondary jobs. Option (a) is incorrect because the passage states that 30% of Numerico's residents work in the technology sector, and of those, a fifth have secondary jobs. Therefore, the estimated number of residents in the technology sector with secondary jobs is $0.2 * 0.3 * 1,000,000$

= 60,000, not 30,000. Option (c) is incorrect because it underestimates the number of residents in the technology sector who have secondary jobs, which as per the passage and the calculations, is 60,000, not 20,000. Option (d) is incorrect as it significantly underestimates the actual number. As per the passage and the calculations, the correct number is 60,000, not 15,000. Hence (b).

92. Ans. a

Sol. Option (a) is correct because the passage mentions that 5% of Numerico's adult population holds a Doctoral degree, and 60% of these individuals are employed in education. Therefore, the number of residents with a Doctoral degree who are working in the education sector is $0.05 * 0.6 * 1,000,000 = 30000$. Option (b) is incorrect because the calculated number of residents with a Doctoral degree in the education sector is 30,000, not 15,000. Option (c) is incorrect because the correct calculation yields a number of 30,000 residents, not 25,000. Option (d) is incorrect as well because the calculated number of residents with a Doctoral degree in the education sector is 30,000, not 20,000. Hence (a).

93. Ans. c

Sol. Option (c) is correct because, as explained above, the calculation leads to 400,000 individuals who are adults but do not hold a Bachelor's degree. Rest of the options are incorrect because the passage states that 80% of Numerico's population are adults, and of these, 50% hold at least a Bachelor's degree. This implies that 50% or less than 50% of the adults do not have a Bachelor's degree. Therefore, the number of adult residents without a Bachelor's degree is $0.5 * 0.8 * 1,000,000 \leq 400,000$. Hence (c).

94. Ans. a

Sol. Option (a) is correct because, as explained above, the calculation leads to an estimated 200,000 individuals who are under the age of 18 in Numerico. Hence, (a).

95. Ans. a

Sol. Option (a) is correct because the passage states that 80% of Numerico's population are adults, and of these, 30% are employed in the technology sector. Therefore, the number of adults employed in the technology sector is $0.3 * 0.8 * 1,000,000 = 240,000$. Hence (a).

96. Ans. d

Sol. Option (d) is correct because, as explained above, the calculation leads to an estimated 70% of adults in Numerico who are not employed in the technology sector that means $0.8 * 0.7 * 1000000 = 560000$. Required percent over total population is 56%. Hence (d).

SECTION A – ENGLISH

97. Ans. c

Sol. Option (c) is correct because the Festival of Badges is described as an event of joy, unity, and appreciation, where each class showcases their skills and contributions, thereby promoting unity among the different classes. Option (a) is incorrect because the passage clearly states that during the Festival of Badges, not only the Sages but also the Creators and the Observers get a chance to showcase their skills and contributions to the city. Option (b) is incorrect because the passage specifies that the badges worn by each class cannot be transferred from one person to another, implying that they cannot

be switched even temporarily. Option (d) is incorrect because the passage does not mention that the city council makes decisions about class changes during the Festival of Badges. It is mentioned that such decisions are made, but not specifically during the festival.

98. Ans. c

Sol. Option (c) is correct because it accurately captures the essence of the sentence, stating that the unity among diverse social classes forms the backbone of Veritoria's society, setting it apart from other cities. Option (a) is incorrect because while the passage does mention that Veritoria has unique features (like its social structure and cultural practices), the last sentence does not refer to its architecture specifically. Option (b) is incorrect because the passage portrays a picture of harmony and balance, rather than chaos, within Veritoria's diverse social structure. Option (d) is incorrect because the passage explicitly states that Veritorians are born into their classes and cannot change their class throughout their life, with very rare exceptions.

99. Ans. c

Sol. Option (c) is correct because the passage mentions that the change of class for an individual can occur only under rare circumstances and with the unanimous agreement of the city council. Option (a) is incorrect because the passage clearly states that Veritorians cannot change their social class throughout their life, except in rare circumstances where they display remarkable aptitude for another class. Option (b) is incorrect because according to the passage, Veritorians inherit the class of their parents, which means the children of a Creator will also be a Creator. Option (d) is incorrect because the social class system in Veritoria is clearly stated to be hereditary; individuals inherit the class of their parents.

100. Ans. d

Sol. Option (d) is correct because it explicitly mentions the Sages' role in devising laws and policies, suggesting they play a significant role in policymaking in Veritoria. Option (a) is incorrect because it refers to the role of the Sages in education and enlightenment but does not directly suggest their role in policymaking. Option (b) is incorrect because this sentence refers to the Creators, not the Sages, and their role in technological advancement and culture. Option (c) is incorrect as it simply refers to the badge of the Sages and does not shed light on their role in policymaking.

101. Ans. b

Sol. Option (b) is correct because the passage implies that the badges are not merely ornamental but represent the unique roles and rights of each class within Veritoria's society. Option (a) is incorrect because the passage does not suggest that the badges are a source of income for the Veritorians. They are a symbol of class and hold the power accorded to each class. Option (c) is incorrect because, according to the passage, Veritorians cannot freely choose or change their badges; they are born into their class and inherit the corresponding badge. Option (d) is incorrect because, while the badges differentiate the classes, they are not mentioned as a symbol of competition. They represent the unity in diversity that Veritorians value.

SECTION B – LOGICAL REASONING

102. Ans. d

Sol. Option (d) is correct because the passage states that "These badges are not merely ornamental but hold the power and rights accorded to each social class." This suggests that the badges act as a tangible representation of the authority and privileges of each social class in Veritoria. Option (a) is incorrect because the passage states that "Each social class has a distinguishing badge they wear: the Sages wear a badge with an owl, the Creators carry a badge with a hammer and a brush, and the Observers have an eye on their badge." This suggests that the badges are unique to each class and are not interchangeable. Option (b) is incorrect because the passage specifies that "The badges are always worn and cannot be transferred from one person to another." Thus, the badges are personal to the wearer and cannot be transferred, even within the same social class. Option (c) is incorrect because the passage mentions that "These badges are not merely ornamental but hold the power and rights accorded to each social class." Therefore, the badges are not only symbolic but also represent the authority and privileges of the respective social classes.

103. Ans. c

Sol. Option (c) is correct because the passage states that "All Veritorians are born into their classes. They follow a strict societal structure where they cannot change their class throughout their life. They inherit the class of their parents, and this practice has been followed for generations. However, there are exceptions." This clearly states that the social class of a Veritorian is typically inherited from their parents, with the possibility of exceptions. Option (a) is incorrect because the passage states that "They follow a strict societal structure where they cannot change their class throughout their life." This means that individuals in Veritoria cannot switch their classes freely. Option (b) is incorrect because the passage specifies that "If a Sage demonstrates a remarkable aptitude for creating or an Observer shows wisdom and knowledge, they can be granted the badge of the respective class. But these cases are rare and only occur under the unanimous agreement of the city council". This suggests that even if an individual exhibits the qualities of another class, the change in class only happens with the agreement of the city council. Option (d) is incorrect because the passage explains the existence of three distinct social classes: Sages, Creators, and Observers. Therefore, not all inhabitants of Veritoria belong to the same social class.

104. Ans. b

Sol. Option (b) is correct because the passage states that "The city of Veritoria is located in the valley of the Lumerian Mountains. The mountains act as a natural barrier, protecting the city from outer threats. Because of the city's location, the Veritorians have developed an efficient agricultural system." This clearly indicates that the geographical location of the city provides protection and supports effective agriculture. Option (a) is incorrect because the passage states that "Because of the city's location, the Veritorians have developed an efficient agricultural system." This implies that the city's location in the Lumerian Mountains does not hinder but actually aids in its agricultural activities. Option (c) is incorrect because the passage mentions that Veritorians "grow a variety of crops", contradicting the assertion that they are unable to produce any significant crops due to their location. Option (d) is incorrect because the passage specifically identifies that "their primary crop is grapes, from which they produce an exceptional wine," not wheat.

105. Ans. c

Sol. Option (c) is correct because the passage clearly mentions that "Every year, they celebrate the Festival of Badges, where each class showcases their skills and contributions to the city." Option (a) is incorrect because the passage states that "During this festival, the Sages share their wisdom and knowledge through speeches and lectures. The Creators display their creations, from intricate artworks to impressive inventions. The Observers, usually silent, take the stage to report the progress of the city and any concerns that need to be addressed." This shows that all three social classes actively participate in the festival, including the Observers. Option (b) is incorrect because the passage describes the Festival of Badges as an "event of joy, unity, and appreciation." It doesn't mention it as a time for presenting issues or grievances. Option (d) is incorrect because the passage doesn't provide information on the frequency of the Festival of Badges other than it being celebrated "every year." Thus, it doesn't support the assertion that the festival is biannual.

106. Ans. b

Sol. Option (b) is correct because the Observers report on the city's progress during the Festival of Badges. If the Festival is not being held, then it follows from the provided premises that the Observers will not report on the city's progress this year. Option (a) is incorrect because the passage states that the Observers report on the city's progress during the Festival of Badges. Since the Festival of Badges is not being held this year, it cannot be concluded that the Observers will report on the city's progress this year. Option (c) is incorrect because the passage does not provide information about the Observers participating in other city events outside the Festival of Badges. Hence, it cannot be assumed they will participate in other events. Option (d) is incorrect because Option (b) is correct, thereby contradicting the assertion that none of the statements are true.

107. Ans. b

Sol. Option (b) is correct because if a majority of Veritorians are both Creators and Sages and no Sage who isn't a Creator is an Observer who isn't a Creator, it implies that there is some overlap between Sages and Observers (those who are Creators). Option (a) is incorrect because the premises do not provide sufficient information to definitively conclude that no Sages can be Observers. Option (c) is incorrect because the premises do not provide sufficient information to conclusively state that all Sages are Observers. Option (d) is incorrect because, based on the provided assumptions, we can determine that some Sages are Observers, so the answer can indeed be determined.

108. Ans. c

Sol. Option (c) is correct because, based on the premises, some Creators are Observers, and since both Creators and Observers are Veritorians, it follows that some Veritorians are both Observers and Creators. Option (a) is incorrect because the passage does not suggest that all Veritorians are Observers. There are other classes of Veritorians mentioned, such as Creators and Sages. Option (b) is incorrect because the passage does not suggest that all Veritorians are Creators. Just as in Option (a), there are other classes of Veritorians, such as Observers and Sages. Option (d) is incorrect because Option (c) is correct, which contradicts the assertion that none of the statements are true.

SECTION A – ENGLISH

109. Ans. d

Sol. Option (d) is correct. The first sentence considers 'Zephyrs to be the pillars'. Second sentence considers 'Lake Aquilia being a mirror' and the third sentence states 'The Vernal language being a bridge'. Hence all three are metaphors.

110. Ans. c

Sol. Option (c) is correct because the entire passage details the various traditions, beliefs, and practices of Verbonia, emphasizing the profound beliefs of its people. Option (a) is incorrect because the passage states that the interplay of beliefs, practices, and traditions makes Verbonia captivating, and there's no indication that these are "tightly guarded" or that Verbonia remains an enigma. Option (b) is incorrect because the passage doesn't contrast tradition with reality. Instead, it suggests that residents live their lives deeply intertwined with their lore. Option (d) is incorrect because the passage does not mention outsiders trying to unravel Verbonia's mysteries. It focuses on the city's beliefs and practices.

111. Ans. c

Sol. Option (c) is correct because the passage mentions that the Celestite gemstone is believed to have properties that enhance the abilities of its possessor. Option (a) is incorrect because the passage doesn't directly associate Celestite with wealth. Option (b) is incorrect because, while there's a mention of homes having windows facing north for direction, there's no direct association between Celestite and direction. Option (d) is incorrect because, although the Vernal language is associated with communication through the alignment of stars, there's no connection mentioned between Celestite and communication.

112. Ans. b

Sol. Option (b) is correct because "enchanting" is synonymous with "captivating," implying that something is so interesting or beautiful that it holds your attention. Option (a) is incorrect because "boring" is the opposite of "captivating." Option (c) is incorrect because "commonplace" means ordinary or not special, which does not fit the context. Option (d) is incorrect because "repulsive" is also the opposite of "captivating."

113. Ans. a

Sol. Option (a) is correct because it highlights the unique and mystical nature of Verbonia, setting the stage for the detailed exploration of its beliefs and practices. Option (b) is incorrect because the passage emphasizes the uniqueness and profound beliefs of Verbonia, not its size or comparison to a generic "charm." Option (c) is incorrect because while it hints at Verbonia having stories, it erroneously compares Verbonia to large, well-known cities like Rome and Paris. Option (d) is incorrect because the passage does not focus on shopping practices or a contrast between modernity and antiquity in that context.

SECTION B – LOGICAL REASONING

114. Ans. a

Sol. Option (a) is correct because the passage states that "any taint in the lake's water is viewed with alarm as an indication that deceit and treachery are on the rise." Option (b) is incorrect because the passage does not make any correlation between the tainting of Lake Aquilia and external threats to the city. Option (c) is incorrect because the passage states that if a Zephyr tree withers, it impacts the lifespan of the city and not the purity of the lake. They are two separate beliefs. Option (d) is incorrect because the passage

states the importance and reverence of Celestite in trade but does not link it to the purity or tainting of Lake Aquilia.

115. Ans. c

Sol. Option (c) is correct because the passage states that "if it floats, it signifies acceptance and understanding of that emotion or thought," indicating that the individual has come to terms with it. Option (a) is incorrect because the passage states that every resident crafts an artifact representing their most profound thought or emotion of the year, suggesting that each artifact is crafted with significant thought. Option (b) is incorrect because the passage mentions that possessing a flawed Celestite can bring misfortune, but it does not correlate this belief with the practices of the Gala of Shadows or the floating/sinking of artifacts. Option (d) is incorrect because the passage does mention the Lumas stars and their significance, but there is no direct connection between them and the crafting of artifacts for the Gala of Shadows.

116. Ans. d

Sol. Option (d) is correct because the passage states that "Every resident believes that if a Zephyr tree withers, a year is taken away from the life of Verbonia." Option (a) is incorrect because the passage states that the North Star is a guiding force and is associated with homes having a window facing north. It does not connect the North Star to the Zephyr trees directly. Option (b) is incorrect because the passage mentions the importance of flawless Celestite bringing success, but it does not link flawed Celestite to the Zephyr trees. Option (c) is incorrect because the passage does not make a direct correlation between the withering of a Zephyr tree and the trade prospects of the city.

117. Ans. b

Sol. Option (b) is correct because the passage explicitly states that "The alignment of Lumas, Spectras, and Umbros determines the tone, mood, and essence of the messages communicated." Option (a) is incorrect because the passage states that Vernal "is predominantly based on the alignment of the stars." Although it mentions Lumas, Spectras, and Umbros, it does not state that the language is based solely on Lumas. Option (c) is incorrect because, while the passage mentions that Spectras are often seen during dusk, it does not imply that Vernal messages are exclusively communicated at this time. Option (d) is incorrect because the passage states that Umbros "are faint but are essential as they represent wisdom," meaning they do play a role in the Vernal language.

118. Ans. c

Sol. Option (c) is correct because the passage explicitly states that "Homes without a northern window are thought to be directionless and lacking in purpose." Option (a) is incorrect because the passage does not establish any connection between the presence of a northern window and the quality of Celestite. Option (b) is incorrect because, while the passage mentions the significance of Lake Aquilia, it does not state that homes with windows facing north have a direct view of it. Option (d) is incorrect because the Gala of Shadows is an event where every resident crafts an artifact, and the passage does not specify any home-based criteria, like the presence of a northern window, for participation.

119. Ans. b

Sol. Option (b) is correct because the passage states that "it's said that possessing a flawed Celestite can bring misfortune, whereas a perfect gem can bring unprecedented success." Option (a) is incorrect because while the passage does discuss the reduction in lifespan in connection with the withering of Zephyr trees, it does not link this belief to flawed Celestite. Option (c) is incorrect because the passage does not establish any connection between the quality or presence of Celestite and the purity of Lake Aquilia. Option (d) is incorrect because the passage clearly mentions that Verbonia thrives on the export of Celestite and that it is treated with great reverence, indicating its significance beyond mere ornamental purposes.

120. Ans. b

Sol. Option (b) is correct because the passage explicitly states that during the Gala, "Every resident crafts an artifact representing their most profound thought or emotion of the year," signifying its role as a reflective event that marks the end of the year. Option (a) is incorrect because, while the passage does mention the importance of Celestite gems, it does not state that they are traded during the Gala of Shadows. Option (c) is incorrect because the passage does not establish a direct connection between the Gala of Shadows and the purification of Lake Aquilia. Option (d) is incorrect because the passage describes the language Vernal as being influenced by the alignment of stars, but it does not suggest that the Gala of Shadows' purpose is to predict future star alignments.

Current Affairs with GK

121. Ans. b

Exp. Undernutrition— includes stunting (low height for age), wasting (low weight for height), underweight (low weight for age) and micronutrient deficiencies or insufficiencies (a lack of important vitamins and minerals).

122. Ans. c

Exp. DRDO was established in 1958 after combining Technical Development Establishment (TDEs) of the Indian Army and the Directorate of Technical Development & Production (DTDP) with the Defence Science Organisation (DSO).

123. Ans. c

Exp. INS Mahendragiri is the seventh ship of the Project 17A frigates series and boasts enhanced stealth features, advanced weapons, sensors, and platform management systems. The project was launched by the defence forces of India to construct a series of stealth guided-missile frigates. Project 17A ships have been designed in-house by Indian Navy's Warship Design Bureau, the pioneer organisation for all warship design activities.

124. Ans. c

Exp. During the National Conference on RWPF, an important initiative was the establishment of the JJM Digital Academy. The Department of Drinking Water and Sanitation (DDWS) and Echo India, a non-profit organization, signed a Memorandum of Understanding (MoU) to set up the academy. The Union Minister of Jal Shakti, Shri Gajendra Singh Shekhawat, launched the online portal of JJM Digital Academy.

125. Ans. b

Exp. The Prime Minister talked about how his government has helped more than 13.5 crore poor people to improve their lives and move from being poor to becoming part of the middle class in just the past five years. He also said that by the time India celebrates its 100th Independence Day in the year 2047, our country will have become a developed nation.

126. Ans. d

Exp. The Ministry of Environment and Forest (MoEF) launched the campaign Haathi Mere Saathi in collaboration with the Wildlife Trust of India (WTI). At the 2011 “Elephant- 8” Ministerial meeting held in Delhi; the campaign was introduced. India, Botswana, the Republic of the Congo, Indonesia, Kenya, Sri Lanka, Tanzania, and Thailand make up the E-8 nations.

127. Ans. b

Exp. International Literacy Day takes place on September 8 every year to raise awareness and concern for literacy problems that exist within our own local communities as well as globally. International Literacy Day was founded by proclamation of The United Nations Educational, Scientific and Cultural Organization, or UNESCO, in 1966 “to remind the public of the importance of literacy as a matter of dignity and human rights.”

128. Ans. a

Exp. GSI, headquartered at Kolkata, has six regional offices located at Lucknow, Jaipur, Nagpur, Hyderabad, Shillong and Kolkata and State Unit offices in almost all States of the country. Presently, Geological Survey of India is an attached office to the Ministry of Mines.

129. Ans. b

Exp. The ISA was conceived as a joint effort by India and France to mobilize efforts against climate change through deployment of solar energy solutions. The International Solar Alliance (ISA) is an initiative proposed by our Prime Minister Narendra Modi and was launched by him at the UN Climate Change Conference in Paris along with the President of France.

130. Ans. c

Exp. The President appoints Chief Election Commissioner and Election Commissioners. They have a fixed tenure of six years, or up to the age of 65 years, whichever is earlier.

131. Ans. c

Exp. The Monopolies and Restrictive Trade Practices Act, 1969 (MRTP Act) was repealed and replaced by the Competition Act, 2002.

132. Ans. c

Exp. On 10th July 2023, Rajeev Chandrashekar, the Minister of State (MoS) for Skill Development and Entrepreneurship, inaugurated the country's first Public-Private Partnership (P3) model Atal Tinkering Lab (ATL) in Thrissur, Kerala.

133. Ans. b

Exp. Masatsugu Asakawa is the President of the Asian Development Bank (ADB) and the Chairperson of ADB's Board of Directors. He was elected President by ADB's Board of Governors and assumed office on 17 January 2020.

134. Ans. b

Exp. President Ram Nath Kovind inaugurated India's first Artificial Intelligence (AI) school called as Santhigiri Vidyabhavan in Kerala's capital city, Thiruvananthapuram. The AI school is a result of a collaboration between iLearning Engines (ILE) USA and Vedhik eSchool.

135. Ans. c

Exp. PSLV (Polar Satellite Launch Vehicle) is an indigenously-developed expendable launch system of the ISRO (Indian Space Research Organization). PSLV is known as the Workhorse of ISRO.

136. Ans. a

Exp. The Asia Cup 2023 tournament kicked off across four venues in Pakistan and Sri Lanka. The 16th edition of Asia Cup is all set to start on August 30 and will end on September 17.

A total of six teams will be participating. The teams have been divided into two groups and are playing against each other in round-robin style.

137. Ans. a

Exp. The Union government appointed Jaya Verma Sinha Chairperson of the Railway Board, becomes the first woman to head the Board.

Jaya Verma Sinha succeeded Anil Kumar Lahoti as chairman and chief executive officer of the Railway Board. Sinha is a seasoned member of the Indian Railway Management Services (IRMS).

138. Ans. b

Exp. Assam launched a clean district ranking drive called MODI (Most Outstanding District Initiative), to boost solid waste management and sanitation.

Chief minister Himanta Biswa Sarma announced that the most outstanding district will be awarded Rs 100 crore towards infrastructure development and the results will be tentatively declared by the first week of April 2024. The cabinet also approved installation of 2,000 CCTV cameras across the state.

139. Ans. d

Exp. Every year on August 29, India celebrates National Sports Day to commemorate the birth anniversary of hockey legend Major Dhyan Chand.

It is also called Rashtriya Khel Divas. The day is dedicated to the country's sports heroes and champions for their contribution and dedication towards bringing pride to the nation. It aims to raise awareness about the values of sports.

140. Ans. b

Exp. During a recent experiment, the Alpha Particle X-ray Spectroscopy (APXS) on board the Pragyan rover of Chandrayaan-3 detected the presence of sulphur and other minor elements in the lunar South Pole region.

APXS instrument also carries radioactive sources that emit alpha particles and X-rays onto the surface sample.

141. Ans. a

Exp. The National Payments Corporation of India (NPCI), announced the launch of Falcon blockchain-based project named 'Falcon'.

It is an open-source project that aims to simplify the management and use of blockchains based on 'Hyperledger Fabric' and supported on Kubernetes clusters. Essentially, Falcon is expected to help developers innovate on blockchain-based payment solutions.

142. Ans. c

Exp. The Union government has formed a committee under former President Ram Nath Kovind to assess the viability of the "one nation, one election" concept.

The members of the panel include Union home minister Amit Shah, ex-J&K chief minister Ghulam Nabi Azad, former Finance Commission chairman N K Singh, Constitution expert Subhash C Kashyap, senior advocate Harish Salve, and ex-Chief Vigilance Commissioner Sanjay Kothari.

143. Ans. b

Exp. The 43rd Association of Southeast Asian Nations (ASEAN) summit in Jakarta was held from 5th to 7th of September this year.

ASEAN leaders discussed ways to ensure the bloc's continued relevance and centrality in the evolving regional architecture. The leaders also discussed strengthening ASEAN integration and expanding collaboration in key areas such as the digital and green economies.

144. Ans. b

Exp. Prime Minister Narendra Modi virtually inaugurated the foundation stone-laying event for the redevelopment of 508 railway stations throughout the country, as part of the significant Amrit Bharat Station Scheme.

The launch of the Amrit Bharat Station Scheme aims to revamp 1,309 stations nationwide.

145. Ans. b

Exp. Antardrishti is a financial inclusion dashboard launched by the Reserve Bank of India (RBI) Governor Shaktikanta Das.

It will provide insights required to assess and monitor the progress of financial inclusion by capturing relevant parameters.

146. Ans. b

Exp. India recently gifted indigenously-built in-service Missile Corvette INS Kirpan to Vietnam.

Union Defence Minister Rajnath Singh announced after bilateral talks with his visiting Vietnamese counterpart General Phan Van Gang.

147. Ans. c

Exp. During a UK-India Week reception, British Prime Minister Rishi Sunak bestowed a Points of Light honor upon Rajindar Singh Dhatt, one of the few remaining Sikh soldiers who participated in World War II.

Aged 101, Dhatt was acknowledged for his service and for his efforts in leading the “Undivided Indian Ex-Servicemen’s Association,” which aims to unite British Indian veterans of war.

148. Ans. c

Exp. NATO Secretary-General Jens Stoltenberg will head the NATO for another year, after his contract was extended again.

Mr Stoltenberg’s time as secretary general was due to end in October while his term had already been extended three times. Norwegian-born Mr Stoltenberg was an economist and former Prime Minister and the announcement comes a week before the next NATO summit in Vilnius, Lithuania.

149. Ans. b

Exp. IIT Delhi has signed an agreement to establish a campus in Abu Dhabi, UAE, with the aim of promoting educational and research collaborations between India and the UAE.

The campus will offer both undergraduate and postgraduate programs in various disciplines. IIT Madras earlier announced a similar venture in Zanzibar, Tanzania.

150. Ans. b

Exp. Odisha Chief Minister Naveen Patnaik equals former West Bengal Chief Minister Jyoti Basu’s record as the second longest-serving Chief Minister in India.

Mr Naveen Patnaik has held the position for 23 years and 138 days. The title of the longest-serving CM belongs to Pawan Kumar Chamling, the former CM of Sikkim, who held the position for 24 years and 166 days.

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