

# VISION IAS

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## TEST BOOKLET

C

CSAT APTITUDE TEST– (4292) – 2024

Time Allowed: Two Hours

Maximum Marks: 200

## INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C** OR **D** AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. **DO NOT** write *anything else* on the Test Booklet.
4. This Test Booklet contains **80** items (Questions). Each item is printed in **English**. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider most appropriate. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See direction in the answers sheet.
6. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of **correct responses** marked by you in the answer sheet. For **every incorrect** response **one-third** of the allotted **Marks** will be deducted.
7. Before you proceed to mark in the Answer sheet the response to various items in the Test booklet, you have to fill in some particulars in the answer sheets as per the instruction sent to you with your Admission Certificate.
8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO**

**Directions for the following 4 (four) items:**

Read the following **two** passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.

**Passage – 1**

A new home is much more than just a place of residence, it is increasingly where people are spending much more of their time working, raising their families, schooling their children, consuming their entertainment and living their lives. There is more to fortify in the modern home and more opportunities than ever for people to access and integrate smart home security systems into their lives. Designs now and well into the future will need to take these considerations seriously, constantly looking for ways to use environment, sightlines, light, material and space to create homes that are inherently set up for security. Modern home design and designers often speak about the need to “future proof,” which is to say the need to make sure current design anticipates the needs of the future.

1. Based on the above passage, the following *assumptions* have been made:

1. Modern homes with high-security systems would require heavy investments.
2. The utility of modern homes is not limited to shelter alone.

Which of the above assumptions is/are **invalid**?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

2. According to the author, **the most rational inference** is:

- (a) Homes of the future are going to be different from the homes of the present era.
- (b) While focusing on security, one must design homes based on possible future demands.
- (c) With increasing social anarchy, security will be the most important aspect during the designing of any home in the future.
- (d) Considering the importance of homes, one should not take designing homes lightly.

**Passage – 2**

Although the wave of minimalism or “less is more” philosophy seems fascinating to people, it comes with a mindful responsibility. Minimalism is a subjective choice to get rid of possessions that don't add meaning to our lives, and it's not a new concept when it comes to India. Indians have been acquainted with this concept since Gandhi's architecture, which was once considered rural and conservative. It was, in fact, modern. Humans are lured by high fashion labels and new gadgets and have been under the impression of feeling empty without such possessions. However, for the past few years, consumers in India have turned their lifestyle to what it was back in Mahatma Gandhi's era: traditional and sustainable. Indians are followers of 'Jugaad' or frugal innovation. Be it a worn-out silk saree or close-to-end toothpaste, we know how to utilize possessions creatively and mindfully.

3. Which of the following is/are **the most rational and logical inference/inferences** that can be drawn from the passage?

1. Minimalism and consumerism can go hand in hand.
2. The present trend of consumerism will negatively affect our lives in future.

Select the correct answer from the code given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

4. Which of the following statements **best reflects the crux** of the passage?

- (a) Minimalism is the best way of living life and preserving limited resources.
- (b) People around the world do not take the concept of minimalism seriously.
- (c) People enjoy minimalism more than consumerism.
- (d) Despite the temptations of consumerism, some Indians prefer minimalism.

5. In a certain code language '4 5 3' means "Ram, can, do", '9 5 3' means "Manoher, can, do" and '1 9 8 7 3' means "Manoher, can, write, a, letter". What is the code for '8'?

- (a) 'write'
- (b) Either 'a' or 'letter'
- (c) Either 'write' or 'letter'
- (d) Either 'write' or 'a' or 'letter'

6. Three statements followed by four conclusions numbered I, II, III and IV are given below. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts. Study the conclusions and then decide which of the given conclusions logically follow/follows from the given statements disregarding commonly known facts.

Statement-1: All lamps are printers.

Statement-2: All printers are computers.

Statement-3: All mice are computers.

Conclusion-I: No lamp is a mouse.

Conclusion-II: Some mice are printers.

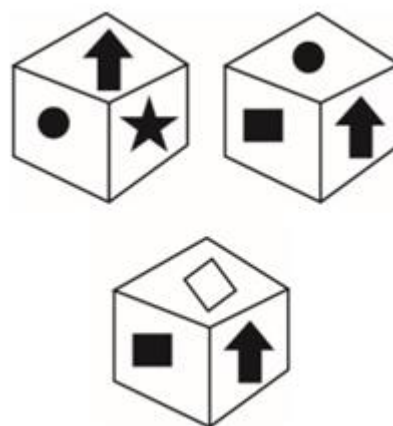
Conclusion-III: Some computers are lamps.


Conclusion-IV: Some mice are lamps.




Which of the above conclusions is/are correct?

- (a) Either I or IV
- (b) Either I or IV, and II
- (c) Only III
- (d) Either I or IV, and III

7. Consider the following dice.



Which symbol is opposite to  (arrow) in the above dice?

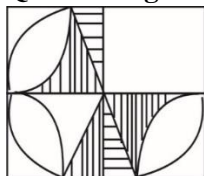
- (a) 
- (b) 
- (c) 
- (d) None of these

8. Find the missing term in the following matrix.

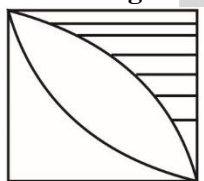
28	42	48
12	14	15
4	?	6
84	98	120

- (a) 5  
(b) 6  
(c) 7  
(d) 8
9. The permutations of the word CLOCK are arranged alphabetically. Which of the following permutations will come first?  
(a) CLOCK  
(b) COLCK  
(c) CCLKO  
(d) CCKLO
10. The Question figure has been divided into four parts. One part of the figure is missing, which has to be identified from the four alternatives given below.

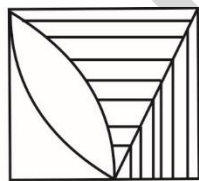
**Question figure:**



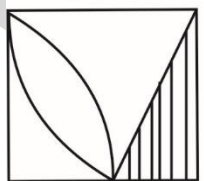
**Answer figures:**



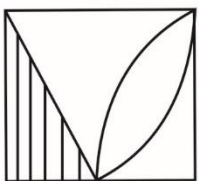
(A)



(B)



(C)



(D)

Find the correct Answer figure that may complete the Question figure.

- (a) A  
(b) B  
(c) C  
(d) D

11. Consider the following series.

j \_ m b \_ a \_ \_ u \_ b \_ a d j \_ m \_ b \_ d

Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

- (a) u b m j m b u b a  
(b) u b d j m b j b a  
(c) u b d j m b u b a  
(d) u b d j m b u m a
12. In a row of students, Raman is standing in fifth position from either end. Choose the statement that is correct regarding the students.  
(a) There are eleven students in the row.  
(b) There is an even number of students in the row.  
(c) The students can be rearranged into a grid where each row has as many students as there are in each column.  
(d) None of the above statements regarding the students is correct.

13. Five outer faces of a cube ( $3 \text{ cm} \times 3 \text{ cm} \times 3 \text{ cm}$ ) are painted in red. Now, cuts are made parallel to the faces of the cube to yield smaller cubes of side 1 cm each. How many such smaller cubes do not have any of their faces painted?

- (a) 1  
(b) 2  
(c) 3  
(d) 4

**Directions for the following 2 (two) items:**

Read the following **two** passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.

### Passage – 1

Self-preservation is their most important objective. Men have a right of nature to do whatever they want to survive, so they compete against each other all the time, and this creates conflict. Their natural state is a state of war, in which they distrust one another and try to increase their power so that they can attain superiority over others. Nonetheless, men will eventually overcome these flaws because they are so self-concerned that they will do anything to survive, even if it means cooperating with the people around them.

14. Which of the following statements **best reflects the crux** of the passage?

- (a) We are a social animal with the mindset of cooperation and peace.
- (b) Survival instinct is our highest goal and is achieved only by competition and conflict.
- (c) Without social cooperation, we will not last for long.
- (d) We will do anything to survive, be it competition or cooperation.

### Passage – 2

The Politics of Love is a radical vision of politics. It re-imagines our entire politics in loving terms from the way we treat ourselves and each other, to the policies, institutions, and systems we establish. Of course, the idea that politics might be loving is not new: it has precedents in our relationships, and in the everyday acts of kindness we show to one another, as well as in feminist, civil rights, LGBTQIA+, and animal liberation movements. What *is* new about the Politics of Love is that it represents a coherent “framework”, one which, when it is articulated, will support us in a wide variety of contexts. One way of thinking about the Politics of Love is as a “round space”. At the centre of this space is love, and within it we gather, with our diverse bits of knowledge and histories, to debate, deliberate, and make decisions.

15. Which of the following statements **best reflects the logical inference** from the passage given above?

- (a) The situation in India demands promoting the politics of love.
- (b) Empathy and compassion when practised in politics make it politics of love.
- (c) For any democratic nation, politics of love should be the chosen way of governance.
- (d) Politics of love overpowers the politics of hate.

**Directions for the following 2 (two) items:**

Consider the following information about six villages in a forest.

F is 1 km to west of D.

B is 1 km to east of E.

A is 2 km to north of E

C is 1 km to east of A

D is 1 km to south of A

16. Which of the following pairs of villages are farthest away from each other?

- (a) A and D.
- (b) D and E
- (c) B and D
- (d) B and C

17. Which of the following three villages are collinear?

- (a) A, D and E.
- (b) A, D and F
- (c) B, C and E
- (d) F, D and E

18. If  $12 + 2 = 6$ ,  
 $27 + 9 = 3$ ,  
and  $15 + 5 = 3$ , calculate the value of  $(10 + (6 + (3 + (2 + 1))))$

- (a) 4
- (b) 2.5
- (c) 8
- (d) None of these

19. In the following problem, a square transparent sheet with a pattern is given.

Question figure

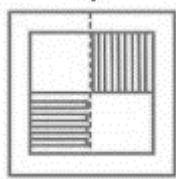
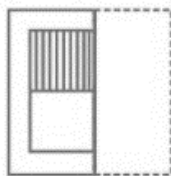
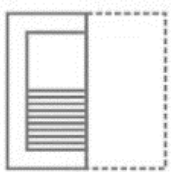


Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded along the dotted line.

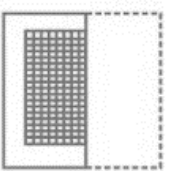
(a)



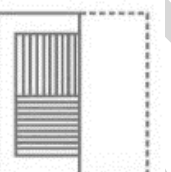
(b)



(c)



(d)

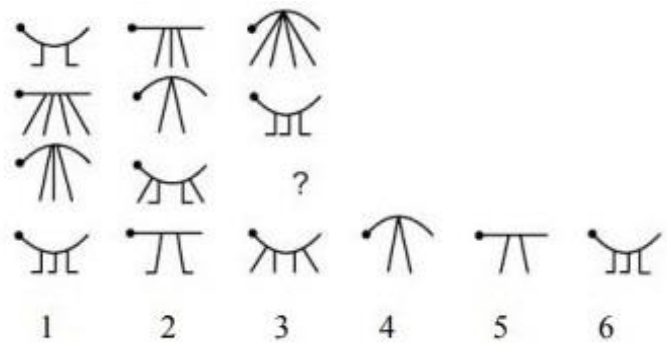


20. What group of letters should follow the following letter series?

mnopqopqrs .....

- (a) mnopqr  
(b) opqrst  
(c) pqrstu  
(d) oqrstu

21. Which image from the bottom row should replace the question mark?



- (a) 3  
(b) 2  
(c) 6  
(d) 5

22. There was a 4-direction pole situated at a crossroad with arrows pointing towards four directions - East, West, South and North. Due to an accident that damaged the pole, East pointer is now towards the South direction. Unfortunately, a man who wanted to go northward took the help of this direction pole and started moving towards North as per the pole. Which direction is the man actually moving towards?

- (a) West  
(b) South  
(c) North  
(d) East

23. Consider the following:

I. 'A - B' means A is sister of B.

II. 'A × B' means A is father of B.

III. 'A + B' means A is brother of B.

Which of the following relation shows that O is the niece of Z?

- (a) Z + Q + P - O  
(b) Z + Q × O - P  
(c) P - O × Q + Z  
(d) Z × Q + O - P



24. P, Q, R, S, T, U and V are seven books put in a row, not necessarily in the same order. R and Q have as many books between them as V and R have between them. P and S are placed beside each other. S, which is 3<sup>rd</sup> from the extreme left, is 3<sup>rd</sup> to the left of T.

Which of the following statements is true?

- (a) R and T are beside each other.
- (b) T is to the immediate left of U.
- (c) V is to the immediate right of S.
- (d) P is to the immediate left of S.

25. Two friends- P and Q travel from A to B in a bus. P finds that he has 10% less money than the fare for two persons. Q lends half the money with him to P to enable him to buy the tickets. Which of the following statements are true?

- (a) With the money left with Q, he can buy one more ticket.
- (b) With the money left with Q, he cannot buy one more ticket.
- (c) Q has no money left with him.
- (d) Nothing can be concluded.

26. Consider the following information including the Question and the Statements.  
Ananya and Rudra have a total of Rs. 200 with them.

**Statement-1:** If Ananya gives Rs. 10 to Rudra, the difference of the amounts with them would be Rs. 20.

**Statement-2:** If Rudra gives Rs. 5 to Ananya, the difference of the amounts with them would be Rs. 10.

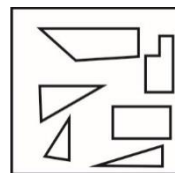
**Question:** Does Ananya have more than Rs. 100 with her?

Which one of the following is correct in respect of the above Question and Statements?

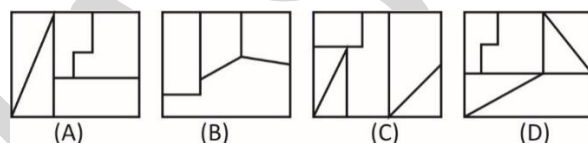
- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

27. Which one of the given answer figures can be made from the pieces given in the question figure?

**Question figure-**



**Answer figure-**



- (a) A
- (b) B
- (c) C
- (d) D

28. A book has page numbers 1, 2, 3, ..., 50. Because of a technical error, the number 5 was not printed in the page number of the books. So, the page number 5 was left blank; page number 15 was printed as 1 and so on. What is the sum of all the page numbers that were printed in the book?

- (a) 1275
- (b) 1100
- (c) 1110
- (d) 1115

**Directions for the following 4 (four) items:**

Read the following **three** passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.

### Passage – 1

It is not only the untreated sewage water and industrial effluents, but also the solid wastes and construction material discharged by individuals, companies and municipal bodies that have caused the suffocation of the Yamuna. Also, floodplains have been encroached upon by settlements. Hence, ensuring supply of quality drinking water is not only expensive, it also needs improvement in governance. It needs technical knowledge on measurement and regulation of water quality. It is not the fault of the DJB or the Delhi government alone that they have not been able to ensure 100% supply of quality water to the citizens of Delhi, considering the constraints they face, especially those concerning the water resources management and laws in the country.

29. Which one of the following is the *most logical and rational inference* that can be made from the above passage?
- (a) The water quality of Yamuna water can be improved only by clearing the encroachment on the flood plains.
  - (b) Many factors are at play that need to be addressed for improving the quality of water of a river.
  - (c) Improper management of resources and lack of proper laws have no effect on the water quality of a river.
  - (d) Climate change and unplanned development is taking a toll on the quality of water of a river.

### Passage – 2

Different tints of blue evoke a wide spectrum of emotions, from serene to distant. For example, dark shades of blue can make viewers feel lonely and detached. Light shades of blue have a calming effect and signal dependability. The colour green has associations with the natural world, generating tranquil and rejuvenating moods. Since shades of green reflect a variety of earthy tones, surrounding yourself with green accents can create a calming and uplifting atmosphere. As a light and bright shade, yellow is an energizing colour that provokes feelings of happiness and optimism. The intensity and brightness of yellow catch the eye, producing both positive and negative effects. The primary colour red evokes some of the most intense moods and emotions. With connections to love, passion, anger, and danger, red has a powerful impact on the human body.

30. Which of the following statements *best reflects the crux* of the passage?
- (a) By choosing the correct combination of colours, one can largely enhance one's productivity.
  - (b) Blue, green, yellow, and red are the most important colours affecting our emotions.
  - (c) The role of colours in life is not limited to decoration.
  - (d) The psychological effects of colours may play a significant role in our lives.



### Passage – 3

The global food system evolved out of a need to drive consumption on a global basis, at a time when lack of access to food was a real issue and environmental degradation was not. The situation now has changed. Malnutrition from overconsumption of calories affects more people than undernutrition, whilst agriculture has come to threaten the ecosystems on which it depends. On current trends, fulfilling 'business as usual' projections for food demand would create sufficient warming to exceed the goals of the Paris Climate Agreement. Rather, meeting global goals, whether the SDGs or those of the Paris Agreement, will require a shift in emphasis away from agricultural efficiency to system efficiency. Government interventions to increase agricultural and dietary diversity and include social and environmental costs in market prices can help enable such a transformation but do not address the configuration of the food system itself, which is shaped not only by existing policies and institutions but also by incumbent interests, social norms, and cultural values.

**31.** Based on the above passage, the following *assumptions* have been made:

1. There has been a significant improvement in the overall availability of food over the years.
2. The government has no role in changing the food systems of the society as it is culturally determined.

Which of the above assumptions is/are valid?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**32.** Which one of the following statements *best reflects the most critical inference* that can be made from the passage given above?

- (a) Government, society, and culture are the crucial stakeholders which should work together to address global environmental issues related to agriculture.
- (b) There is a need to diversify agricultural practices to mitigate the impact on the environment.
- (c) Moving to the old pattern of consumption could address the issue of environmental degradation.
- (d) To address the issue of environmental degradation due to agriculture, governments could promote organic agriculture.

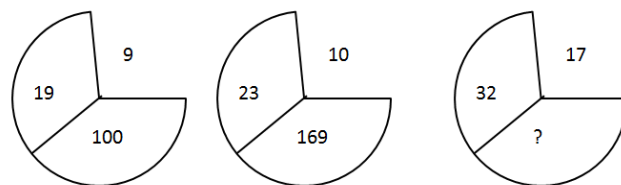
**33.** Consider the following series.

ane \_\_\_\_ ba \_\_\_\_ ebb \_\_\_\_ neb \_\_\_\_ an \_\_\_\_ bb

Which of the following set of letters may complete the above series?

- (a) e b b a b
- (b) b b a b a
- (c) b b a b e
- (d) b n a b e

**34.** Find the missing number from the alternatives:



- (a) 125
- (b) 175
- (c) 225
- (d) 250

35. A shop has  $x$  kg of rice. The first customer buys half this amount plus half a kg of rice. The second customer buys half the remaining amount plus half a kg of rice. Then the third customer also buys half the remaining amount plus half a kg of rice. Thereafter, no rice is left in the shop. Which of the following best describes the value of  $x$ ?
- (a)  $2 \leq x \leq 6$   
 (b)  $5 \leq x \leq 8$   
 (c)  $9 \leq x \leq 12$   
 (d)  $11 \leq x \leq 14$
36. Consider the given statement to be true and decide which of the given conclusions can definitely be drawn from the given statement.  
**Statement:** If Rahul works hard, he will pass the examination.  
**Conclusion 1:** Rahul is a hard worker.  
**Conclusion 2:** Hard work pays.  
 Choose the correct answer using the code given below.
- (a) Both 1 and 2 follow  
 (b) Only 1 follows  
 (c) Only 2 follows  
 (d) Neither 1 nor 2 follow

**Directions for the following 2 (two) items:**

Read the information given below and answer the items that follow.

For admission to various affiliated colleges, a university conducts a written test with four different sections, each with a maximum of 50 marks. The following table gives the aggregate as well as the sectional cut-off marks fixed by six different colleges affiliated to the university. A student will get admission only if he/she gets marks greater than or equal to the cut-off marks in each of the sections and his/her aggregate marks are at least equal to the aggregate cut-off marks specified by the college.

	Sectional Cut off Marks				Aggregate Cut off Marks
	Section A	Section B	Section C	Section D	
College 1	42	42	42		176
College 2		45	45		175
College 3			46		171
College 4	43			45	178
College 5	45		43		180
College 6		41		44	176

37. Aditya did not get a call from even a single college. What could be the maximum aggregate marks obtained by him?
- (a) 181  
 (b) 176  
 (c) 184  
 (d) 196
38. Bhama got calls from all the four colleges. What could be the minimum aggregate marks obtained by her?
- (a) 180  
 (b) 181  
 (c) 196  
 (d) 176
39. If
- I. A is brother of B  
 II. B is brother of C  
 III. C is brother of D  
 IV. D is sister of E.
- Then which of the following statements is **not** necessarily true?
- (a) D is sister of C  
 (b) B and C are brothers  
 (c) A, B, C are males and D is a female  
 (d) D and E are sisters
40. Consider the following series.
- 6 4 1 2 2 8 7 4 2 5 3 8 6 2 1 7 1 4 1 3 2 8 6
- In the above series, how many pairs of successive numbers have a difference of 2 each?
- (a) 4  
 (b) 5  
 (c) 6  
 (d) 7

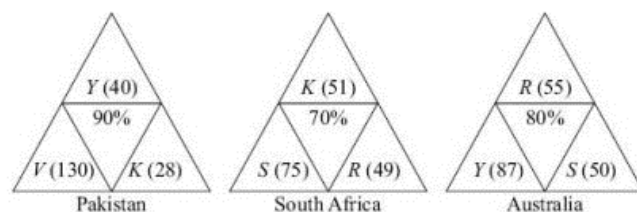
41. Consider the following series.
- 8 2 4 5 1 7 2 8 4 8 4 2 2 8 2 6 9 8 4  
5 4 8 3 2 8 4 3 1 8 3
- How many 8's are there in the above number series which are exactly divisible by immediately preceding and also immediately succeeding numbers?
- (a) 1  
(b) 2  
(c) 3  
(d) 4
42. The 4<sup>th</sup> day of September of a particular year is Tuesday. On what date shall the last Monday of the month fall?
- (a) 28<sup>th</sup>  
(b) 29<sup>th</sup>  
(c) 24<sup>th</sup>  
(d) 31<sup>st</sup>
43. Megha starts from her home and walks 3 km west in 1 hour. Then she walks towards the north for 4 km in another 1 hour. Finally, she cycles back to her home along the shortest path in 1 hour. What was her average speed for the entire journey?
- (a) 3 km/h  
(b) 4 km/h  
(c) 2 km/h  
(d) 5 km/h

**Directions for the following 4 (four) items:**

Read the information given below and answer the items that follow.

Coach John sat with the score cards of Indian players from the 3 games in a one-day cricket tournament, where the same set of players played for India and the Indian team was bowled out each time.

John summarised the batting performance through three figures, one for each game. In each figure, the three outer triangles tell the number of runs scored by the three top scorers from India. K, R, S, V and Y represent Kaif, Rahul, Saurav, Virender and Yuvraj respectively. The middle triangle in each diagram denotes the percentage of total score that was scored by the top three Indian scorers in that game. No two players score the same number of runs in the same game.



Batting performance of five Indian Batsmen in three Games of One-day International Cricket Tournament.

John also calculated two batting indices for each player based on his scores in the tournament. The R-index of a batsman is the difference between his highest and lowest scores in the 3 games, while the M-index is the middle number, if his scores are arranged in a increasing order.

44. For how many Indian players is it possible to calculate the exact M-Index?
- (a) 0  
(b) 1  
(c) 2  
(d) More than 2

45. Among the players mentioned, who can have the lowest R-index in the tournament?  
 (a) Only Kaif, Rahul or Yuvraj  
 (b) Only Kaif or Rahul  
 (c) Only Kaif or Yuvraj  
 (d) Only Kaif
46. How many players, from amongst those listed, definitely scored less than Yuvraj in the tournament?  
 (a) 0  
 (b) 1  
 (c) 2  
 (d) More than 2
47. Which of the players had the best M-index in the tournament?  
 (a) Rahul  
 (b) Saurav  
 (c) Virendra  
 (d) Yuvraj
48. A road network has parallel and perpendicular roads running in north-south or east-west directions. Junctions/Intersections on this road network are marked as A, B, C, D..... All parallel roads are exactly at a distance of half a kilometer from each other. The following is known about junctions A, B, C, H and X. 'A' is to the east of 'B' and to the west of 'C'. 'H' is to the southwest of 'C' and to the southeast of B. 'B' is to the southeast of 'X'. Which junctions are situated to the farthest south and to the farthest east?  
 (a) H, B  
 (b) H, C  
 (c) C, H  
 (d) B, H

**Directions for the following 4 (four) items:**

Read the following **three** passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.

**Passage – 1**

In the public domain, “whether caring society can exist in a market economy” is a manifestation of the crisis of conscience, because without the periodic intervention of the social conscience, the economy will inevitably serve only the interests of a small part of society, if this has not been the case Gini coefficient would not have shown the highest level of economic inequality. The current crisis of conscience helps those who care only about increasing their already extensive personal fortunes.

49. Which of the following statements **best reflects the crux** of the passage?
- (a) The high inequality in society is the result of a weak social conscience.  
 (b) For an inclusive society, social conscience should be given importance over the economy.  
 (c) The concept of a caring society is antithetical to the market economy.  
 (d) Market economy is a bane and should be phased out.

**Passage – 2**

CAP is a Conflict Avoiding Person! Avoiding conflict gives good short-term results such as maintaining peace, and avoiding anger or sadness, and may keep a boss happy. Conflicts need to be faced, and not avoided. Sometimes you must argue or discuss a little bit to clear up a misunderstanding. Conflicts feel unpleasant and we want to avoid them to maintain peace at the workplace. Conflicts are resolved through open communication and negotiation, however tough that seems. Confronting and sharing our feelings makes us feel exposed and vulnerable, so we try to avoid it. Pretending as though differences don't exist, doesn't help – facing them, does. It's okay not to agree with others, and it's okay to say that you disagree!

50. Which of the following statements *best reflects the crux* of the passage?

- (a) Conflicts not only affect the peace of mind but also the relationships with our loved ones.
- (b) Despite issues involved in facing conflicts, their resolution is better for long-term.
- (c) Solving an issue without facing conflicts is not possible.
- (d) The benefits of avoiding conflicts outweigh the harms of facing them.

### Passage – 3

The emotional response to fear is personalized to the individual. Since the biology of fear involves some of the same chemical responses to pleasant emotions, such as excitement and happiness, people can experience either pleasant or unpleasant emotions to fear. For instance, some people may enjoy riding extreme roller coasters, while others may have a negative reaction and will avoid these at all costs. In our highly competitive society, where success has become synonymous with happiness, the fear of success may sound like a paradox. With success comes change. We hesitate to enter uncharted waters even if this is our best course of action. Numerous people resisted letting go of unhealthy habits or toxic partners because they were afraid to change their lives. They preferred the certainty of the present rather than the uncertainty that accompanies change. Many also fear success because it can come with great responsibility. When things go wrong, it can be easier to deflect the responsibility and potential consequences that may come with it.

51. Which of the following is/are *the most rational and logical inference/inferences* that can be made from the passage?

- 1. Fear is a necessary evil for adapting to change.
- 2. People fail in life because they are not able to overcome their fear of failure.

Select the correct answer from the code given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

52. Which of the following statements *best reflects the crux* of the passage?

- (a) Success due to fear seems to be a paradox but it is a reality.
- (b) Success may induce an emotion of fear in some due to the sense of change and responsibility that may come along with it.
- (c) Overcoming fear is critical for living a successful, happy, and content life.
- (d) Without overcoming one's phobias, one cannot function properly in society.

53. In a group of five tourists, A, B, C, D and E, A and B speak Hindi and English. C and B speak English and Gujarati. D and A speak Malayalam and Hindi. E and B speak Punjabi and Hindi. What is the number of languages spoken by the person who speaks the maximum number of languages?

- (a) 5
- (b) 4
- (c) 6
- (d) 3

54. Three statements followed by four conclusions numbered I, II, III and IV are given below. You have to take the three given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known facts.

**Statements:**

- A. Some cakes are bikes.
- B. Some bikes are hills.
- C. All laptops are bikes.

**Conclusions:**

- I. All laptops are hills.
- II. Some laptops are cakes.
- III. Some cakes are hills.
- IV. Some laptops are not cakes.

Select the answer using the correct code.

- (a) Only I follows
  - (b) Only either II or IV follows
  - (c) Only either I or III follows
  - (d) Only I and IV follow
55. Ajay remembers that his UPSC result came after 29<sup>th</sup> June but before 2<sup>nd</sup> July, and his brother's result came after 30<sup>th</sup> June but before 3<sup>rd</sup> July. If the result of both were declared on the same day, then when did Ajay's result come?
- (a) 30<sup>th</sup> June
  - (b) 1<sup>st</sup> July
  - (c) 2<sup>nd</sup> July
  - (d) None

56. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- (a) Culiseta
- (b) Psorophona
- (c) Midge
- (d) Mansonia

57. Find the wrong term in the following series.

K33E, M33G, N33J, Q33K

- (a) M33G
- (b) N33J
- (c) Q33K
- (d) K33E

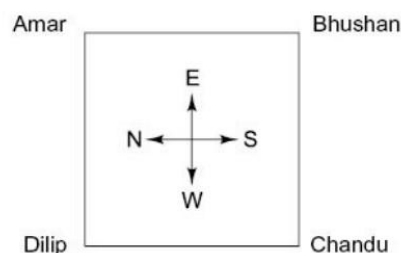
58. The pages of a book are numbered as I, II, III, IV, ....XL; in roman numerals. One of the pages of the book is torn off. The sum of the remaining page numbers printed in the book is 809. Which of the following statements is true?

- (a) The torn page's number is less than X.
- (b) The torn page's number is a prime number.
- (c) The torn page's number is greater than XX.
- (d) The torn page's number does not has the numeral X printed in it.

**Directions for the following 2 (two) items:**

Read the information given below and answer the items that follow.

These questions are based on the diagram given below showing four persons Amar, Bhushan, Chandu and Dilip stationed at the four corners of a square piece of plot.





59. Amar starts crossing the plot diagonally. After walking half the distance he turns right ( $90^\circ$ ), walks some distance and then turns left. Which direction is he facing now?
- Northeast
  - North
  - Northwest
  - Southwest
60. From their original positions, Bhushan and Dilip move one and a half length of square-side in clockwise direction. Which one of the following statements is now true?
- Bhushan and Dilip are both at the midpoint between Amar and Chandu.
  - Bhushan is at the midpoint between Amar and Chandu, and Dilip is at the corner originally occupied by Amar.
  - Dilip is closer to Amar than he is to Chandu and Bhushan is closer to Chandu than he is to Amar.
  - Dilip is closer to Chandu than he is to Amar and Bhushan is closer to Amar than he is to Chandu.

**Directions for the following 3 (three) items:**

Consider the given information and answer the 3 (three) items that follow.

Anand, Binod, Chandan, Deepak, Emili, Farhan and Garima are speakers from different cities – Hyderabad, Delhi, Shillong, Kanpur, Chennai, Mumbai and Srinagar (not necessarily in the same order), who have been invited as guest lecturers in an institute. Each one of them is an expert in a different subject, viz., English Literature, Computers, History, Sociology, Geology, Medicine and Statistics (not necessarily in the same order). Further it is also known that:

- Lecturer from Kanpur specializes in Geology.
  - Lecturer Deepak is from Shillong.
  - Lecturer Chandan from Delhi specializes in Sociology.
  - Lecturer Binod specializes neither in History nor Medicine.
  - Lecturer Anand who specializes in English Literature does not belong to Hyderabad.
  - Lecturer Farhan who specializes in Computers belongs to Srinagar.
  - Lecturer Garima who specializes in Statistics belongs to Chennai.
61. Who is the lecturer that specializes in Medicine?
- Binod
  - Emili
  - Either Emili or Deepak
  - Cannot be determined from the given data
62. To which city does the lecturer who specializes in English Literature belong?
- Hyderabad
  - Mumbai
  - Neither Hyderabad nor Mumbai
  - Cannot be determined from the given data
63. Who of the following belongs to Mumbai?
- Binod
  - Emili
  - Anand
  - Garima

64. Animesh and Vikash are both teachers and actors. Vishal and Vikash are both teachers and farmers. Animesh and Yajunvendra are both businessmen and actors. If Yajunvendra and Vishal are both farmers and businessmen, then name the person who is actor, teacher as well as businessman?
- (a) Animesh  
(b) Vishal  
(c) Vikash  
(d) Yajunvendra
65. Maya's position is 9<sup>th</sup> from the left and Savita's position is 9<sup>th</sup> from the right in a row of girls. When they interchange their respective positions, Savita becomes 18<sup>th</sup> from the right. What must be Maya's original position from the right?
- (a) 18<sup>th</sup>  
(b) 16<sup>th</sup>  
(c) 14<sup>th</sup>  
(d) 15<sup>th</sup>
66. Virat Kohli cuts a cake into two halves and cuts one half further into smaller pieces of equal size. Each of the small pieces is twenty grams in weight. If he has seven pieces of cake in all with him, how heavy was the original cake?
- (a) 240 gm  
(b) 220 gm  
(c) 225 gm  
(d) Data inadequate

**Directions for the following 3 (three) items:**

Read the following **two** passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.

**Passage – 1**

As China marks the 10-year anniversary of its Belt and Road Initiative (BRI) in 2023, investment into one of the initiative's most important pieces, the China-Pakistan Economic Corridor (CPEC), looks to have stalled. China has recently demonstrated its reluctance to fund several Pakistan-requested CPEC projects, according to the minutes of a high-level meeting of CPEC's decision-making body released in July. "The CPEC slowdown can be attributed to both economic and security factors. Pakistan's worsening economic crisis, and China's own recent slowdown, have dampened prospects for new projects," Michael Kugelman, a South Asia expert at the Washington-based Woodrow Wilson International Center for Scholars, told DW. Pakistan has hoped that the monumental infrastructure project would serve as a lifeline for the country's struggling economy. However, several experts assess that the actual outcomes of CPEC in Pakistan have fallen far short of expectations. "The overpromising and underdelivering have remained a crucial factor, coupled with inherent capacity issues, and instability on the political and security fronts, said Azeem Khalid, a Pakistan-China relations scholar at COMSATS University Islamabad. Khalid told DW that he believes the tangible benefits of CPEC for the Pakistani people have been limited, while the burden of public debt and payments to Chinese companies has surged. "It is safe to assert that the hype surrounding CPEC was more a product of propaganda than a reflection of reality."

67. Which of the following statements can be *inferred* from the above passage?

1. China is the biggest investor in Pakistan.
  2. Propaganda has the ability to bend reality.
- Select the correct answer using the codes given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

### Passage – 2

Google has started producing its Chromebook laptops in India through a partnership forged with HP, in a major boost to the country's electronics manufacturing ambitions. India recently closed the window to apply for its Rs 17,000 crore production linked incentive (PLI) scheme for IT hardware such as laptops, personal computers and servers and has initiated the process to check imports from China after a failed bid to license such gadgets. Chromebooks are among the most popular laptops used in educational institutions worldwide, but are yet to find mainstream traction in India, where laptops running on the Windows operating system continue to rule the roost. The move will help Google compete more effectively with Windows computers from companies such as Dell, Lenovo, and Asus. "Manufacturing Chromebook laptops in India will allow Indian students to get easy access to affordable PCs. By further expanding our manufacturing operations, we continue to support the Make in India initiative of the government," said Vickram Bedi, senior director of personal systems at HP India. The development is in line with India's ambition to establish itself as a "trusted partner" in global supply chains, especially at a time when companies, especially from America, are looking to diversify from China – the traditional hub of such manufacturing for decades. While India has a big domestic demand for laptops and computers, almost all of it is currently being fulfilled by imports from China, something New Delhi wants to change as soon as possible.

68. Which of the following are significant for India in relation to Google deciding to shift laptop manufacturing to India?

1. It would help students get easy online academic content.
2. It will increase local manufacturing in India.
3. Google can effectively compete with Microsoft and Linux.
4. It will decrease the import dependency for laptops.

Select the correct answer using the codes given below.

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 4 only
- (d) 3 and 4 only

69. Which of the following statements can be *inferred* from the above passage?

1. India wants to establish itself as a leader in the global supply chain.
2. Economic policies and political environment in China are compelling companies to look for other manufacturing hubs.

Select the correct answer using the codes given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

70. This question has a main statement followed by four statements labeled I, II, III and IV. Choose the ordered pair of statements, wherein the first statement implies the second and the two statements are logically consistent with the main statement.  
**Main statement:** Anuj either acts as Ravan or he acts as Ram.  
**Statement- (I):** Anuj acts like Ram.  
**Statement- (II):** Anuj does not act like Ravan.  
**Statement- (III):** Anuj acts like Ravan.  
**Statement- (IV):** Anuj does not act like Ram.  
 Choose the correct answer using the code given below.  
 (a) III, IV only  
 (b) II, I only  
 (c) (III, IV) or (I, II)  
 (d) None of these
71. If Ananya's watch slows down by 1 hours 20 minutes in one week, then by how much will it slow down in 48 hours?  
 (a) 21 (6/7) minutes  
 (b) 22 (5/7) minutes  
 (c) 22 (6/7) minutes  
 (d) 22 (4/7) minutes
72. What should come in place of the question mark?  
 GIVEN : MVERT :: MANGO : ?  
 (a) LZHUN  
 (b) LTMZN  
 (c) LZMTN  
 (d) None of these
73. The pocket money of Randhir is more than the combined pocket money of Kunal and Debu. The combined pocket money of Kunal and Shankar is more than that of Randhir. Sonal gets more pocket money than Shankar. Neha gets more pocket money than Randhir. Who among the following gets the highest pocket money?  
 (a) Randhir  
 (b) Neha  
 (c) Sonal  
 (d) Data is inadequate.

**Directions for the following 4 (four) items:**

Read the following **two** passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.

**Passage – 1**

When French writer Jean-Paul Sartre received the Nobel Prize for Literature in 1964, he became one of the only two individuals in history to refuse the award. Justifying his decision, Sartre said that he didn't want his readers to be influenced by his association to a global institution: "If I sign myself Jean-Paul Sartre, it is not the same thing as if I sign myself Jean-Paul Sartre, Nobel Prize winner." The rejection made headlines but the Nobel Prize, established in 1901, has always had an embattled history. Being accused of anti-American and anti-Russian bias in its literary prize, of awarding the peace prize to individuals accused of genocide and massacres, of ignoring the collaborative effort inherent to science by awarding exactly three individuals each year – apart from an overall Eurocentric White male bias, it has never been a stranger to controversies. The first and most crucial change the Nobel Foundation must execute is to make that nomination process public. Currently, the nominators and nominees are shrouded in secrecy, both lists unveiled only 50 years after announcing the winner. An award that claims to represent the best of the best without even revealing who was considered – in the age of online mobilisation and unrelenting demands for inclusivity – is not only in bad taste but a horrible PR move. Secondly, the archives of past nominees and nominations must be revealed. The diversity numbers will receive much-needed context. After her relevant period of secrecy was over, Austrian physicist Lise Meitner was found to have been nominated 48 times without ever winning. The first African-American to win a Nobel Prize was political scientist Ralph Bunche, in 1950, four decades after the inception of the prize – only 16 more Black people have followed him since. Asians have fared slightly better – totalling 77 wins across fields – but form a meager eight percent of the total 965 laureates.

74. Which one of the following statements *best reflects the most logical and rational message* conveyed by the author of the passage?

- (a) The Nobel Prize awarding process needs to be reformed to make it more transparent and inclusive.
- (b) The Nobel Prize committee often gets criticized for lack of transparency.
- (c) The Nobel Prize needs more gender equality measures.
- (d) Nobel Prize nominations need to be more pragmatic.

75. Which of the following statements can be *inferred* from the above passage?

- 1. The association of an individual with global institutions can change public perceptions about them.
- 2. Both African Americans and Africans have faced discrimination by the Nobel nominations committee.

Select the correct answer using the codes given below.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

## Passage – 2

In April 2022, Sri Lanka declared that it had failed to repay its debt of more than \$83 billion, with more than half of it owed to foreign creditors. It also decided to approach the International Monetary Fund (IMF) that month. The crisis was years in the making and many factors were responsible, such as President Gotabaya Rajapaksa's government pushing through the largest tax cuts in Sri Lankan history, as part of the 2019 elections campaign, impacting the government's revenue sources. Another blow was dealt by the coronavirus pandemic, which hit the tourism industry. The war in Ukraine further contributed to fuel shortages. Skyrocketing inflation saw many Sri Lankans take to the streets to protest against their government. By July, then-President Rajapaksa resigned. In the interim, Rajapaksa had sought help from China and India, particularly assistance on fuel from the latter. A diesel shipment under a \$500 million credit line was signed with India. Later, a \$1 billion credit line for importing essentials, including food and medicine was also extended. In September 2022, Sri Lanka qualified for an IMF Extended Fund Facility of \$2.9 billion. Its first tranche of \$330 million came through in March 2023. However, the IMF had said that this loan would be based on a "prior action" of securing financing assurances for debt sustainability from its creditors. Simply, this meant that some of the debt owed to other countries had to be managed through negotiations (called debt restructuring), for the IMF to extend its loan to Sri Lanka.

76. Which of the following statements *best reflects the crucial message* conveyed by the author of the passage?

- (a) Bilateral relations can be improved if neighbouring countries help each other.
- (b) Debt structuring of IMF and World Bank is used to balance trade accounts of developing countries.
- (c) There is a danger that economic crisis of Sri Lanka can spread to other parts of South Asia.
- (d) Economic crisis can be triggered by multiple factors.

77. With reference to the above passage, consider the following statements.

1. Some democratic processes may worsen the economic conditions of a country.
2. Exim bank of China is involved in financing countries to correct their trade deficit.

Which of the statements given above is/are *not* correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Directions for the following 3 (three) items:**

*Consider the given information and answer the three items that follow.*

Eight cities A, B, C, D, E, F, G and H are connected either by railways or by roads. Roads are between C and A, E and G, B and F, D and H, G and C, E and C, and H and G. Rails are between A and E, G and B, F and D and E and D.

78. While travelling from C to H without changing the medium of transportation, which of the following city must be passed?

- (a) G
- (b) E
- (c) B
- (d) F

79. While travelling from F to A in a train, how many cities (excluding both F and A) must be crossed?

- (a) 1
- (b) 2
- (c) 3
- (d) There is no train path from F to A.

80. If the route between G and C is closed, while driving a car from H to C, which of the following stations need not be crossed?

- (a) G and F
- (b) E and F
- (c) G and E
- (d) D and B

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