

## ANSWERS & EXPLANATION

### APTITUDE TEST–Test (4292) – 2024

1 (a)

*Note:* The question is about *invalid* assumptions.

**Assumption 1 is incorrect:** The given assumption is not correct because the context of investments or related costs is not discussed in the passage. How much the security of high-security homes would cost is not mentioned in the passage. Hence, this assumption is beyond the scope of the passage and not correct.

**Assumption 2 is correct:** The given statement is correct. The lines “*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*” mean that the utility of home is much more than giving shelter to people. Hence, this assumption is correct.

2 (b)

**Option (a) is incorrect:** The given option is not correct because it compares the present homes with future homes. The passage does mention future homes; however, it does not compare the homes of these two eras. Moreover, it completely skips over the security aspect. So, this is not the most rational inference from the passage.

**Option (b) is correct:** The given inference is based on the following lines “*Design 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.**”* These lines show that designs of the homes should be based on future demands and the focus must be on security. So, this option is the most rational inference.

**Option (c) is incorrect:** The given option is not correct because the aspect of security has not been compared with other aspects by the author. Also, the passage does not talk about increasing social anarchy.

**Option (d) is incorrect:** This option is somewhat correct; however, it is not the best answer as it does not include the key aspect of security, which is the main point of the passage. So, this option is not the most rational inference.

3 (d)

**Inference 1 is incorrect:** The given inference is incorrect because the concept of minimalism is of the notions of ‘less is more,’ while consumerism is about new objects and the feeling of emptiness without such objects. So, these are contradictory to each other; and therefore, they cannot go hand in hand. Moreover, the passage does not shed much light on the concept of consumerism. Hence, this inference is incorrect.

**Inference 2 is incorrect:** The given statement might be true in general, but it is not a part of the discussion of the passage. The passage does not specify how the present trend of consumerism will affect our lives in future; and therefore, this inference is not correct.

4 (d)

**Option (a) is incorrect:** The passage does not state that minimalism is the best way of living, nor does it compare it with any other way of living. Hence, this option is incorrect.

**Option (b) is incorrect:** The passage specifically mentions “*Although the wave of minimalism or “less is more” philosophy seems fascinating to people*”. This reflects that people around the world might be taking minimalism seriously as the quoted statement is about the world, which is further confirmed when the author goes on to compare the situation with reference to India. Hence, the given statement is not correct.

**Option (c) is incorrect:** This option is not correct because the passage mentions, “*Humans are lured by high fashion labels and new gadgets and have been under the impression of feeling empty without such possessions*”. Further, whether people enjoy minimalism over consumerism cannot be conclusively said based on the passage. The passage does not actually compare the two concepts of living. Hence, this option is not the best crux of the passage.

**Option (d) is correct:** The given option is the best answer because of the lines “*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.*” These lines best capture the crux - though consumerism has its temptations, some Indians are adopting minimalism as their way of living. Hence, this is the correct answer.

5 (d)

4 5 3 = Ram, can, do

9 5 3 = Manohar, can, do

1 9 8 7 3 = Manohar, can, write, a, letter

Since ‘can’ is in all three sentences so its code must be 3 and from 1<sup>st</sup> and 2<sup>nd</sup> sentences code of do is 5 because 5 is common in both.

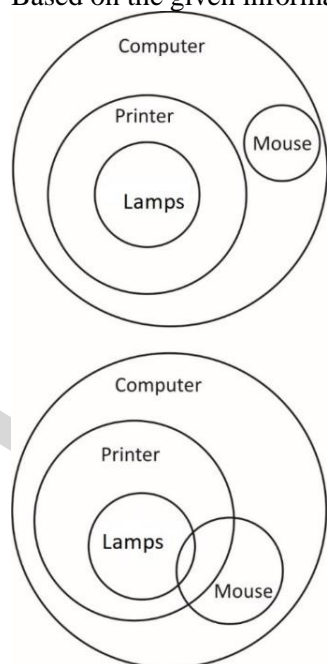
Code for ‘Manohar’ is 9 because ‘9’ is the other common number in 2<sup>nd</sup> and 3<sup>rd</sup> sentences, apart from 3.

So code for 8 can be either ‘write’ or ‘a’ or ‘letter’.

Hence, option (d) is the right answer.





6 (d)

Based on the given information, the following Venn diagrams can be drawn.



From the above Venn diagram, we can see that either conclusion I or Conclusion IV, and III follow. Hence, option (d) is the right answer.

7 (d)

The symbol  is common in all the given dices. But we cannot see the 6<sup>th</sup> symbol of the dice which could be opposite to the symbol . Remaining four symbols are beside the symbol  in different positions of the dice. So, none of them can be on the opposite face of the symbol . Hence, option (d) is the right answer.

8 (b)

Given matrix:

	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>
R <sub>1</sub>	28	42	48
R <sub>2</sub>	12	14	15
R <sub>3</sub>	4	?	6
R <sub>4</sub>	84	98	120

In C<sub>1</sub> :

$$84 \div 12 = 7; 7 \times 4 = 28$$

Similarly, in C<sub>3</sub> :

$$120 \div 15 = 8; 8 \times 6 = 48$$

Applying the same pattern in C<sub>2</sub> :

$$98 \div 14 = 7; 7 \times ? = 42$$

$$\text{So, } ? = 6$$

Hence, option (b) is the right answer.

9 (d)

The first permutation will have all the alphabets arranged in ascending order. In this order CCKLO comes first.

Hence, option (d) is the right answer.

10 (c)

The answer to the question is figure (C) after 180° clockwise rotation.

Hence, option (c) is the right answer.

11 (c)

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

By checking options and substituting accordingly, we get:

(a) j u m b b a m - j u m b b a d - j u m b b a d

(b) j u m b b a d - j u m b b a d - j j m b b a d

(c) j u m b b a d - j u m b b a d - j u m b b a d . Here, " j u m b b a d " is repeated.

(d) j u m b b a d - j u m b b a d - j u m m b a d

Hence, option (c) is the right answer.

12 (c)

Raman is fifth from both ends. Clearly, there are 9 students in the row.

9 students may be re-arranged into 3 rows of 3 students each.

Hence, option (c) is the right answer.

13 (b)

If all the faces were painted, number of cubes with no painted faces =  $(n-2)^3 = 1$ , i.e. the innermost smaller cube (here  $n = 3$ )

Let us say the top face of the cube is not painted. So, out of the 9 smaller cubes on the top surface, 8 will be on the edge and will have at least one face painted. The 9<sup>th</sup> innermost cube on the top face will have none of its face painted.

So, Total number of smaller cubes with no faces painted =  $1+1 = 2$ .

Hence, option (b) is the right answer.

14 (d)

**Option (a) is incorrect:** The given option is not the best crux of the passage because the central theme of the passage is how we only work for self-preservation as stated in option (d). However, this answer option states just the opposite. Hence, this option is not the best crux of the passage.

**Option (b) is incorrect:** The given option states that the highest objective of survival/self-preservation of ours is achieved *only* by competition and conflict, which is not correct because the passage does not mention it to be so. The passage says – “...they are so self-concerned that they will do anything to survive, *even if it means cooperating with the people around them.*” Hence, this option is not the best crux of the passage.

**Option (c) is incorrect:** The context of our species not lasting for long without social cooperation is not mentioned in the passage. Rather, the lines “*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*”, show that we do not need social cooperation. Men cooperate only when it’s needed for survival. Hence, this option is not the best crux of the passage and is not correct.

**Option (d) is correct:** The given option is correct because of the lines “*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...because they are so self-concerned that they will do anything to survive, even if it means cooperating with the people around them*”. These lines show that when it comes to self-preservation, we can do anything. Hence, this is the best crux of the passage.

15 (b)

**Option (a) is incorrect:** The given option inherently assumes that ‘only’ India needs politics of love. However, the passage does not mention the context of India at all. The passage is generic in context and just reflects the importance of the politics of love in general. Hence, this option is not the most rational inference as it is beyond the scope of the passage.

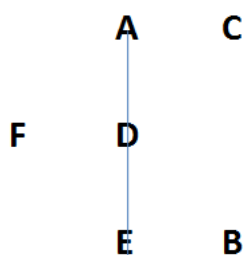
**Option (b) is correct:** The given option summarizes the meaning of politics of love as seen in the lines “*Of course, the idea that politics might be loving is not new: it has precedents in our relationships, and in the everyday acts of kindness we show to one another, as well as in feminist, civil rights, LGBTQIA+, and animal liberation movements.*”. These lines show that the politics of love includes empathy and compassion towards diverse sections of society. Hence, this option is the most rational inference of the passage.

**Option (c) is incorrect:** The passage is descriptive in nature and does not dictate that politics of love should be the chosen way of governance for nations. Also, all this has nowhere been discussed in the context of “democratic nations”.

**Option (d) is incorrect:** The context of the politics of hate is not discussed in the passage. The passage only sticks to the meaning of the politics of love and its importance. Hence, to infer that the politics of love overpowers the politics of hate would not be correct, as it is not based on the information given in the passage.

### Explanation for Questions 16 and 17:

The position of the villages is like this.



16 (d)

B and C are 2 km apart.

17 (a)

Villages A, D and E are on a straight line north-south. Villages C, F and B are to the east or west of the line as shown.

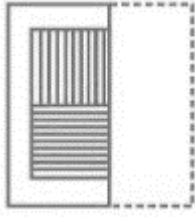
18 (b)

It is clear that the + sign means divide.

Hence,  $(10 + (6 + (3 + (2 + 1)))) = (10 + (6 + (3 + 2))) = (10 + (6 + 1.5)) = (10 + 4) = 2.5$

Hence, correct option is (b).

19 (d)



20 (c)

The logic is:

(mno) (nopq) (opqrs) (pqrstu)

Hence, 'pqrstu' is the correct answer.

21 (d)

In each row, there is one figure with two legs, one with three legs and one with four legs. Hence, the third figure in the bottom row should have 2 legs. This leaves us with figures 2, 4 and 5.

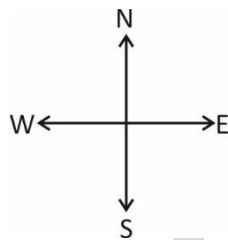
The other thing you can notice in the first two rows is that of the three figures only one figure has flat bottom extensions to some or all of their legs. In the third row, the second figure already has flat bottom extensions to the legs. Thus, the figure, which would replace the question mark would not have flat bottom extensions. Thus, we need figure 4 or 5 to replace the question mark.

Similarly, the top line has to be straight, as other two figures in third row already have convex and concave upper lines. Thus, we need figure 5 to replace the question mark.

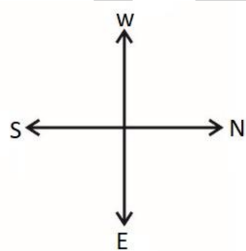
Thus, option (d) is correct.

22 (d)

Originally direction is:



After accident position of pointer is:



Thus, the man is actually moving in the East direction.

Hence, option (d) is the right answer.

23 (b)

Checking each statement we get,

$Z + Q + P - O$

Z is brother of Q, who is brother of P, who is sister of O.

Here, gender of O is not known. So, it is not correct.

$Z + Q \times O - P$

Z is brother of Q, who is father of O, who is sister of P.

Hence, O is niece of Z.

$P - O \times Q + Z$

P is sister of O, who is father of Q, who is brother of Z.  
 Here, O is male. So, it is not correct.  
 $Z \times Q + O - P$   
 Z is father of Q, who is brother of O, who is sister of P.  
 Here, O is the daughter of Z. So, it is not correct.  
 Hence, option (b) is the right answer.

**24 (d)**

S, which is 3<sup>rd</sup> from the extreme left, is 3<sup>rd</sup> to the left of T.

		S			T	
--	--	---	--	--	---	--

P and S are placed beside each other. So, two cases are possible.

Case 1:

		S	P		T	
--	--	---	---	--	---	--

Case 2:

	P	S			T	
--	---	---	--	--	---	--

R and Q have as many books between them as V and R have between them.

Case 1 does not satisfy the above condition. So, it can be negated. As far as Case 2 is concerned, two more possibilities arise.

Case 2 (a):

Q	P	S	R		T	V
---	---	---	---	--	---	---

Case 2 (b):

V	P	S	R		T	Q
---	---	---	---	--	---	---

So, possible final arrangements are:

Case 2 (a):

Q	P	S	R	U	T	V
---	---	---	---	---	---	---

Case 2 (b):

V	P	S	R	U	T	Q
---	---	---	---	---	---	---

Thus, P is to the immediate left of S.

Hence, option (d) is the right answer.

**25 (b)**

P had borrowed 10% of the cost of 2 tickets, i.e. he borrowed 20% of the cost of 1 ticket.

So, money left with Q = 20% of the cost of one ticket. Statement (b) is correct.

Hence, option (b) is the right answer.

**26 (a)**

Let the amount with Ananya and Rudra be Rs. A and Rs. R respectively.

Given,  $A + R = 200$

So, if Ananya has more than Rs. 100, then she would have more money than Rudra. If she does not have more than Rs. 100, then she would not have more money than Rudra.

Using statement 1:

If Ananya gives Rs. 10 to Rudra, then Ananya and Rudra would have Rs.  $(A - 10)$  and Rs.  $(R + 10)$  respectively.

There are two possibilities.

Case 1:  $A - 10 > R + 10$

The difference of the amounts with them is Rs. 20.

So,  $A - 10 - (R + 10) = 20$

Or  $A - R = 40$

Case 2:  $A - 10 < R + 10$

The difference of the amounts with them is Rs. 20.

$$R + 10 - (A - 10) = 20$$

$$\text{Or } R - A = 0$$

$$\text{Or } A = R$$

So, we get:

$$A - R = 40 \text{ or } A = R$$

In the first case, Ananya has more money than Rudra. In the second case, she does not have more money than Rudra.

Thus, Statement 1 alone is not sufficient.

Using statement 2:

If Rudra gives Rs. 5 to Ananya, then Ananya and Rudra would have Rs.  $(A + 5)$  and Rs.  $(R - 5)$  respectively.

There are two possibilities.

$$\text{Case 1: } (R - 5) > (A + 5)$$

The difference of the amounts with them is Rs. 10.

$$(R - 5) - (A + 5) = 10$$

$$\text{Or } R - A = 20$$

$$\text{Case 2: } (R - 5) < (A + 5)$$

The difference of the amounts with them is Rs. 10.

$$(A + 5) - (R - 5) = 10$$

$$\text{Or } R = A$$

In both cases, Ananya does not have more money than Rudra.

Thus, Statement 2 alone is sufficient.

Hence, option (a) is the right answer.

27 (c)

28 (c)

The following page numbers (5, 15, 25, 35, 45 and 50) were printed erroneously as (\_\_, 1, 2, 3, 4, 0).

Had there been no error in printing:

$$\text{Sum of page numbers} = (50 \times 51)/2 = 1275.$$

$$\text{Now, } 5 + 15 + 25 + 35 + 45 + 50 = 175.$$

$$\text{And } 1 + 2 + 3 + 4 + 0 = 10$$

$$\text{So, sum of page numbers printed} = 1275 - 175 + 10 = 1110.$$

Hence, option (c) is the right answer.

29 (b)

Many factors like control of effluents and dumping of construction material, removing the encroachments from the flood plains, proper monitoring of water quality etc. are needed to improve the quality of the water of a river. The impact of climate change has not been discussed in the passage. Keeping these things in the mind, the most appropriate among the given answer options is option (b).

30 (d)

**Option (a) is incorrect:** The central theme of the passage is the psychological effects of colours on our emotions as seen in lines “*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.*” However, the option links colour combinations with productivity. Even though the emotions of calmness and happiness can be linked to productivity, it is beyond the scope of the information given in the passage. Hence, this option is not the best crux.

**Option (b) is incorrect:** The claim that blue, green, yellow, and red are the most important colours affecting our emotions is not correct because in the passage there is no comparison made among any set of colours. Hence, this option is not the best crux of the passage.



**Option (c) is incorrect:** The given option is partially correct i.e., the role of colours beyond the visible appeal. But the aspect of the visible appeal of any object due to the presence of colours (i.e. decoration) is not discussed in the passage. The passage discusses the psychological effects of colours, which is not mentioned in this option. Hence, this option is not the best crux as per the passage.

**Option (d) is correct:** The passage contains information concerning different colours and their related impacts on life. The lines, *“Different tints of blue evoke a wide spectrum of emotions, from serene to distant. ... The colour green has associations with the natural world, generating tranquil and rejuvenating moods. ... 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.”* These lines show the different impacts of these colours on our lives.

31 (a)

**Assumption 1 is correct:** The given assumption is based on the following lines *“Malnutrition from overconsumption of calories affects more people than undernutrition, whilst agriculture has come to threaten the ecosystems on which it depends”*. These lines show that now overconsumption is happening. This means that there has been a great improvement in the availability of food.

**Assumption 2 is incorrect:** The given statement is based on the following lines *“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”*. These lines just show that the government is not addressing the issues related with food system. However, it would be incorrect to assume that government does not have any role in it. The line *“...food system itself, which is shaped not only by existing policies and institutions but also by...”* implicitly accepts that food system is shaped by policies and institutions too, not only by culture. Hence, this is not a correct assumption as per the passage.

32 (a)

**Option (a) is correct:** The given option is the broadest in scope. The following lines *“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”*, show that governments intervene using policies and institutions to address the impact of agriculture on the environment, as steps towards fulfilling global environmental goals. However, governments alone cannot do much. Along with the government, society and culture are crucial stakeholders to achieve global environmental goals.

**Option (b) is incorrect:** This option only talks about one dimension of the broader issue of ecological degradation. This option is inspired by the line, *“Malnutrition from overconsumption of calories affects more people than undernutrition, whilst agriculture has come to threaten the ecosystems on which it depends.”* However, the passage talks about other aspects as well, like government interventions, society, and culture for bringing systemic changes in the food production and consumption process for a better environment. So, this option does not cover the context of the whole passage and is not the most critical inference of the passage.

**Option (c) is incorrect:** The given option is based on the following lines *“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.”* However, it cannot be concluded that moving to the old pattern of consumption can solve the current issues because there were issues with the old pattern as well, which was the of lack of sufficient food production. Moreover, the author has not advocated such a drastic measure either. Hence, this option is not correct as per the passage.

**Option (d) is incorrect:** The given statement is not correct because it mentions the context of organic agriculture promotion by the government which is not a part of the passage.

33 (d)

It is a repetition of the string: anebb. The missing alphabets to fill in the blanks are: bnabe.  
So, option (d) is correct.



34 (c)

The number is the square of the difference of the other two numbers in the circle, i.e.  $(32-17)^2 = 225$   
So, option (c) is correct.

35 (b)

This question is based on odd numbers, as only with an odd value of  $x$  would you keep getting integers if you halved the value of rice and took out another half a kg from the shop store.

From the options, let us start from the second option.

If  $x = 7$ , then  $(7/2) - (1/2) = 3$  kg

$(3/2) - (1/2) = 1$  kg

$(1/2) - (1/2) = 0$  kg

Hence, we can conclude that option (b) is correct.

36 (d)

Given statement does not mean that Rahul is a hard worker. Neither does it mean that everyone who works hard succeeds.

Neither of the two conclusions is definitely true.

So, option (d) is correct.

37 (c)

50 in section A + 50 in Section B + 41 in Section C + 43 in section D = 184 marks, but no calls as each of the 6 colleges would reject the student.

38 (b)

To get a call from all the colleges, Bhama should clear all sectional cut-offs & also aggregate cut-offs. Thus,  $45 + 45 + 46 + 45 = 181$  satisfies this condition.

39 (d)

A, B, C are siblings and brothers of each other. D is their sister but we cannot say anything about E's gender (whether E is male or female) and hence whether E is brother or sister is unknown.

Hence, option (d) is correct.

40 (c)

The pairs of successive numbers having a difference of 2 have been shown below:

(6 4) 1 2 2 8 7 (4 2) (5 3) (8 6) 2 1 7 1 4 (1 3) 2 (8 6)

Hence, option (c) is correct.

41 (d)

The numbers that satisfy the given conditions have been shown below:

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

Thus, there are four such 8's.

Hence, the answer is option (d).

42 (c)

The first Monday is on 3<sup>rd</sup>.

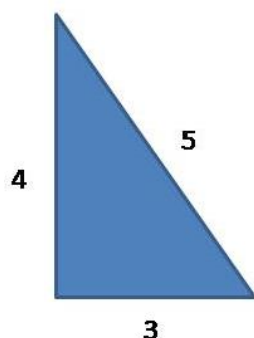
Last Monday will be on  $21 + 3 = 24$ th.

Remember: September has only 30 days.

Hence, the answer is option (c).

43 (b)

The path taken by her is depicted below:



Total Distance = 12 km.

Total time = 3 hours

Average speed =  $12/3 = 4$  km/hour

Hence, the answer is option (b).

44 (c)

For Rahul the middle index will be 49 because whatever runs he scores against Pakistan, they could be maximum 27 or minimum zero. This will not affect the M-index (i.e. middle number) 49.

For Saurav the middle index will be 50 because whatever runs he scores against Pakistan, they could be maximum 27 or minimum zero. This will not affect the M-index (i.e. middle number) 50.

For Yuvraj, middle index cannot be determined as we don't know the exact runs scored by him against South Africa. Same is the case with Kaif.

In case of Virendra, we only have one data point, i.e. his runs against Pakistan. So, we cannot calculate his M-index.

So, we can calculate the exact M-Index only for 2 players.

Hence, the answer is option (c).

45 (d)

R-Index  $\rightarrow$  Difference between highest and lowest score.

For Yuvraj the minimum R-index can be  $87 - 40 = 47$

For Virendra the minimum R-index can be  $130 - 48 = 82$

For Kaif the minimum R-index can be  $51 - 28 = 23$

For Sourav the minimum R-index can be  $75 - 27 = 48$

For Rahul the minimum R-index can be  $55 - 27 = 28$

So, it's Kaif who can have the minimum R-index.

Hence, the answer is option (d).

46 (a)

In the worst possible scenario, we can assume that Yuvraj scored zero against South Africa. So, we have to find how many players definitely scored less than 127.

Kaif can score a maximum of 49 runs against Australia. So, maximum possible runs scored by Kaif =  $28 + 51 + 49 = 128$

Rahul can score a maximum of 27 runs against Pakistan. So, maximum possible runs scored by Rahul =  $27 + 49 + 55 = 131$

Saurav can score a maximum of 27 runs against Pakistan. So, maximum possible runs scored by Saurav =  $27 + 75 + 50 = 152$

Virender can score a maximum of 48 runs against South Africa, and a maximum of 49 runs against Australia. So, maximum possible runs scored by Virender =  $130 + 48 + 49 = 227$

So, the number of players who definitely scored less than Yuvraj is 0.

Hence, the answer is option (a).

47 (b)

Maximum possible M-index of Kaif = 49

Minimum possible M-index of Kaif = 28

Maximum possible M-index of Rahul = 49

Minimum possible M-index of Rahul = 49  
 Maximum possible M-index of Saurav = 50  
 Minimum possible M-index of Saurav = 50  
 Maximum possible M-index of Virender = 49  
 Minimum possible M-index of Virender = 0  
 Maximum possible M-index of Yuvraj = 48  
 Minimum possible M-index of Yuvraj = 40  
 So, Saurav's middle index is the best.  
 Hence, the answer is option (b).

48 (b)

It can be inferred from the figure below that H is the farthest south and C is the farthest east.

X  
 B A C  
 H

So, option (b) is correct.

49 (c)

**Option (a) is incorrect:** The given option is not correct as the passage is centred around market economy as the cause of economic inequality, not on weak social conscience.

**Option (b) is incorrect:** This given option may be one of the many rational suggestions. It explains what should be done to improve the situation of high inequality. However, it is not the crux, i.e., the summary of the passage. Also, nowhere has the author indicated that social conscience should be given importance over the economy.

**Option (c) is correct:** The given option is correct because it is mentioned in the core discussion in the passage. The lines "...*whether caring society can exist in a market economy*" ... *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*", show that a caring society is not possible in a market economy due to the lack of social conscience in the market economy. Hence, this is the best crux of the passage.

**Option (d) is incorrect:** The given option is rather extreme and has not been suggested anywhere in the passage.

50 (b)

**Option (a) is incorrect:** The context of conflict affecting peace of mind is seen in lines "*Conflicts feel unpleasant, and we want to avoid them to maintain peace at home or a workplace.*" But that it also affects the relationship with loved ones is not covered in the passage. So, the statement is partially correct. Moreover, the main theme of the passage is not just conflicts, but the question of whether to face them or not. Hence, this is not the best crux of the passage.

**Option (b) is correct:** The given option best captures the essence of the passage as seen in lines "... *Avoiding conflict gives good short-term results such as maintaining peace, and avoiding anger or sadness, and may keep a boss happy ... 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!*" These lines show that facing conflicts might be difficult, but it is better for long-term. Avoiding conflicts could help in the short term but not in the long term. Hence, this is the best crux of the passage.

**Option (c) is incorrect:** The given statement is an extreme one which states that no issue could be solved without facing conflicts. However, such an extreme proposition is not a part of the passage.

**Option (d) is incorrect:** The passage does cover the benefits of avoiding conflicts in the lines "*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,*" but it does not compare it with facing conflicts to conclude which is better. So, to say that avoiding conflicts outweighs the harms of facing them would not be correct.

51 (d)

**Inference 1 is incorrect:** The given statement seems to be based on the following lines “*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*” However, this inference is not correct because the passage does not mention that for adapting to change fear is a necessary element. It simply states that the understanding that success involves changes that moves one from one’s comfort zone may lead to the fear of attaining success, and lists down some of the probable reasons behind it. However, it’s not a certainty. The necessity of fear in the adaptation to change is not specifically mentioned in the passage. Hence, this is not the correct inference.

**Inference 2 is incorrect:** The context of fear of failure is not discussed in the passage. The passage only mentions fear of success and some general information on fear as seen in lines “*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.*” Therefore, to infer that people fail in life because they are not able to overcome the fear of failure would not be correct as this is beyond the scope of the passage.

52 (b)

**Option (a) is incorrect:** The given statement is not the crux of the passage. The phrase ‘success due to fear’ is itself not correct in the context of the passage because the passage discusses ‘fear of success’ and not ‘success due to fear’. It is the fear of success that is a paradox as per the lines “... *where success has become synonymous with happiness, the fear of success may sound like a paradox*”. So, this option is not the best crux of the passage.

**Option (b) is correct:** The given option best captures the essence of the passage in the context of fear. The passage discusses the phenomenon of fear in detail and explains that there exists among people a fear of success, as success comes with change or responsibility. Have a look at these lines - “*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 .... When things go wrong, it can be easier to deflect the responsibility and potential consequences that may come with it.*” Hence, this is the best crux of the passage.

**Option (c) is incorrect:** This option could be a rational suggestion but not the crux. The line “*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*”, shows that fear may hamper happiness and contentment. Therefore, it would be correct to infer that overcoming fear, especially the fear of losing the current state of comfort for future good is important for well-being. However, the statement does not cover the entire scope of the passage, which also includes the rationale for the fear of success. Hence, this option is not the best crux of the passage.

**Option (d) is incorrect:** The given option is an extreme statement and does not represent the best crux. The lines “*In our highly competitive society ... With success comes change. ... Many also fear success because it can come with great responsibility*”, only show that people are fearful of success as it might bring change and responsibility which may be difficult to fulfil. However, it does not mean that without overcoming one’s fears one cannot even function properly in society.

53 (b)

Let’s list the languages spoken by each of the five tourists.

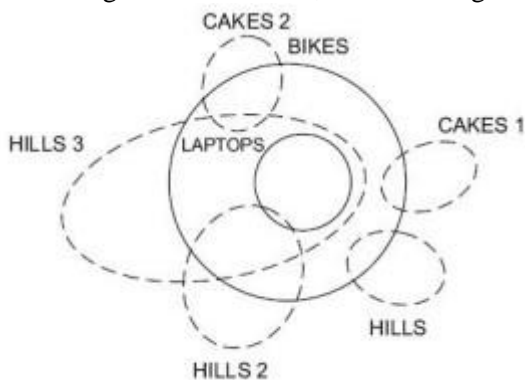
Tourist	Languages Spoken
A	Hindi, English, Malayalam
B	Hindi, English, Gujarati, Punjabi
C	English, Gujarati
D	Malayalam, Hindi
E	Hindi, Punjabi

Hence, B speaks a maximum of 4 languages.

Hence, the answer is option (b).

54 (b)

Based on the given information, the following Venn Diagram can be drawn:



It is clear from the figure that the conclusion 'All laptops are hills' does not hold. Similarly, "Some cakes are hills" is also not necessarily true.

If we take a look at II & IV, we can conclude that one of them necessarily has to be true.

Hence, the answer is option (b).

55 (b)

Ajay's result came after 29<sup>th</sup> June but before 2<sup>nd</sup> July. Therefore, his result must have come on 30<sup>th</sup> June or 1<sup>st</sup> July.

While his brother's result came after 30<sup>th</sup> June but before 3<sup>rd</sup> July. That means his result must have come on 1<sup>st</sup> or 2<sup>nd</sup> July.

Since, their results came on the same day, Ajay's result must have come on 1<sup>st</sup> July.

So, option (b) is the right answer.

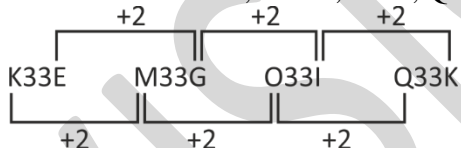
56 (c)

Here, Culiseta, Psorophona and Mansonia are all mosquitoes, while Midge is a fly.

Hence, option (c) is different from all others.

57 (b)

Given Series: K33E, M33G, N33J, Q33K



K33E → Position number of K + Opposite position number of E = 11 + (27 - 5) = 11 + 22 = 33

M33G → Position number of M + Opposite position number of G = 13 + (27 - 7) = 13 + 20 = 33

N33J → Position number of N + Opposite position number of J = 14 + (27 - 10) = 14 + 17 = 31 ≠ 33

Q33K → Position number of Q + Opposite position number of K = 17 + (27 - 11) = 17 + 16 = 33

Hence, N33J is the wrong term.

So, option (b) is the right answer.

58 (a)

Sum of numbers 1,2,3...40 =  $(40 \times 41)/2 = 820$ .

The page number of the torn page = 820 - 809 = 11, i.e. XI.

It is a prime number.

Hence, option (a) is the right answer.

59 (d)

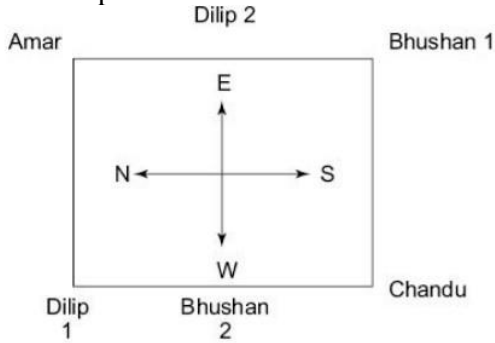
After walking half the distance, Amar will reach the mid-point of the diagonal. Then he turns right and faces northwest. After that he would face the southwest direction when he turns left.

(Note that the directions in the figure are different from the usual north, south, east, west directions.)

Hence, option (d) is the right answer.

60 (c)

Their final positions would be:



Hence, option (c) is correct.

### Explanation for Questions 61 to 63:

From the given information we can complete the following table:

Using statements 2, 3, 6 and 7 we get:

Name	Specialization	Location
Anand		
Binod		
Chandan	Sociology	Delhi
Deepak		Shillong
Emili		
Farhan	Computer	Srinagar
Garima	Statistics	Chennai

Using Statements 4 and 5 we get:

Name	Specialization	Location
Anand	Eng. Lit	Hyderabad
Binod	History, Medicine	
Chandan	Sociology	Delhi
Deepak		Shillong
Emili		
Farhan	Computer	Srinagar
Garima	Statistics	Chennai

Now, as per statement 1, Lecturer from Kanpur specializes in Geology. Hence, A cannot be either from Hyderabad or Kanpur. Hence, he must be from Mumbai. So, the person from Hyderabad must be the one who specializes in either History or Medicine. So, neither Binod nor Deepak can be from Hyderabad. Emili must be the one from Hyderabad. The final picture that emerges has been depicted below:

Name	Specialization	Location
Anand	Eng. Lit	Mumbai
Binod	Geology	Kanpur
Chandan	Sociology	Delhi
Deepak	History/Medicine	Shillong
Emili	History/Medicine	Hyderabad
Farhan	Computer	Srinagar
Garima	Statistics	Chennai

We have used all the information available and it cannot be decided whether Emili and Deepak are lecturers in Medicine or in History.

61 (c)

62 (b)

63 (c)



64 (a)

From all the statements, we get:

Animesh – Teacher, Actor and Businessman

Vikash - Teacher, Actor and Farmer

Vishal – Teacher, Businessman and Farmer

Yajunvendra – Businessman, Actor and Farmer

Thus, Animesh is actor, teacher as well as businessman.

Hence, option (a) is the right answer.

65 (a)

Total number of girls in the row =  $9 + 18 - 1 = 26$

Maya's position from the right =  $(26 - 9) + 1 = 18^{\text{th}}$

So, option (a) is the right answer.

66 (a)

Seven pieces consist of 6 smaller equal pieces and one half of a cake.

Weight of each small piece = 20 gm

So, total weight of cake =  $2 (20 \times 6) = 240$  gm.

Hence, option (a) is the right answer.

67 (b)

**Statement 1 is incorrect:** There is no explicit mention in the passage that China is the biggest investor in Pakistan. The passage says that “...investment into one of the initiative's most important pieces, the *China-Pakistan Economic Corridor (CPEC)*, looks to have stalled”. There is mention of CPEC and BRI, however the quantum or the size of Chinese investment is not mentioned anywhere. **Hence, statement 1 is not correct.**

**Statement 2 is correct:** It is mentioned in the passage that “It is safe to assert that the hype surrounding CPEC was more a product of propaganda than a reflection of reality”. It can be assumed that propaganda was responsible for the hype regarding the CPEC, and it overshadowed reality. **Hence, statement 2 is correct.**

68 (c)

**Statement 1 is incorrect:** Refer to these lines from the passage, “Manufacturing Chromebook laptops in India will allow Indian students to get easy access to affordable PCs”. It talks of easy accessibility to cheaper laptops for students. The passage does not mention students getting easy online academic content. **Hence, statement 1 is not correct.**

**Statement 2 is correct:** It is mentioned in the passage, “By further expanding our manufacturing operations, we continue to support the Make in India initiative of the government”. These lines imply that laptop manufacturing firms when expanding their operations will also support Make in India, which is a scheme to encourage local manufacturing in India. **Hence, statement 2 is correct.**

**Statement 3 is not correct:** There is no mention of Google competing with Microsoft in the passage. The passage says, “The move will help Google compete more effectively with Windows computers from companies such as Dell, Lenovo, and Asus”. So, Google will compete with laptop manufacturers who use software of Microsoft. Also, this is not something that is significant for India. Linux has not been mentioned in the passage. **Hence, statement 3 is not correct.**

**Statement 4 is correct:** From these lines of the passage, “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”, it can be implied that through this policy the Government wants to fulfil domestic demand via domestic manufacturing. As mentioned previously, through Make in India, local manufacturing would increase, which would in turn decrease dependency on imports. **Hence, statement 4 is correct.**

69 (d)

**Statement 1 is not correct:** The passage says, “The development is in line with India's ambition to establish itself as a “trusted partner” in global supply chains”. It implies that India wants the world to look at it as a trusted player in global supply chain. There is no mention of India aspiring to becoming a leader in global supply chain. **Hence, statement 1 is not correct.**

**Statement 2 is not correct:** It is mentioned in the passage, “*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*”. It just tells us that companies are looking for manufacturing hubs outside China. However, it is not specifically mentioned that the search for diverse sources are driven by the country's economic policies or political environment. **Hence, statement 2 is not correct.**

70 (c)

Main statement: Anuj either acts as Ravan or he acts as Ram.

This question is based on and either – or premise.

Thus, we can see that III, IV is correct. Since, if he acts like Ravan (statement III), he will not act like Ram (Statement IV).

Similarly, we can see that I, II is correct. Since, if he acts like Ram (statement-I), he will not act like Ravan (Statement II).

Thus, statements (III, IV) or (I, II) are correct.

Hence, option (c) is the right answer.

71 (c)

The time by which Ananya's watch slows down in 7 days = 80 minutes

∴ The time by which it will be slow down in 1 day =  $80/7$  minutes

∴ The time by which it will be slow down in 48 hours, i.e. in 2 days =  $(80/7) \times 2$  minutes

=  $160/7$  minutes

=  $22(6/7)$  minutes

Hence, option (c) is the right answer.

72 (b)

Let's find the pattern being followed.

G's opposite letter → T

I's opposite letter → R

V's opposite letter → E

E's opposite letter → V

N's opposite letter → M

Reverse order of TREVM is MVERT.

Similarly, in case of MANGO:

M's opposite letter → N

A's opposite letter → Z

N's opposite letter → M

G's opposite letter → T

O's opposite letter → L

Reverse order of NZMTL is LTMZN.

Hence, required analogy is MANGO : LTMZN

Hence, option (b) is the right answer.

73 (d)

As per question, Randhir gets more pocket money than the combined pocket money of Kunal and Debu. So, pocket money of Kunal and Debu individually must also be less than Randhir.

Randhir > (Kunal + Debu)

Combined pocket money of Kunal and Shankar is more than that of Randhir. So, pocket money of Shankar can be more than or less than that of Randhir.

Shankar > Randhir or Shankar < Randhir

Sonal gets more pocket money than Shankar, i.e. Sonal > Shankar

Neha gets more pocket money than Randhir, i.e. Neha > Randhir

It's evident that we cannot tell for sure who (Neha or Sonal) amongst them attained the highest pocket money.

Hence, option (d) is correct.

74 (a)

**Option (a) is correct:** The central theme of the passage is “*the reformation of the Nobel Prize awarding process*”. The passage describes the controversies and allegations related to this process and how it can be rectified. This is reflected in the following lines, “*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*”. The passage further gives suggestions for reforming the process of awarding the prize. The suggestions begin with the following line - “*The first and most crucial change the Nobel Foundation must execute is to make that nomination process public*”. The passage further describes steps needed to reform the Nobel Prize awarding process. **Hence, option (a) is correct.**

**Option (b) is not correct:** The passage mentions, “*The first and most crucial change the Nobel Foundation must execute is to make that nomination process public*”. Further, it mentions the need for transparency in nominations for the Nobel Prize. So, the stress of the author is on the possible solutions. While this option statement is more descriptive in nature and limited in scope. **Hence, option (b) is not correct.**

**Option (c) is not correct:** The passage mentions the reforms needed for Nobel Prize nominations and nominators, but it neither specifically mentions the issue of gender discrimination nor the reforms for bringing in gender equality in the awarding process. **Hence, option (c) is not correct.**

**Option (d) is not correct:** This statement is rather general and even absurd, and does not fully convey the most logical and rational message of the passage. **Hence, option (d) is not correct.**

75 (a)

**Statement 1 is correct:** Refer to the lines, “*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.’*” From these lines, it can be inferred that association with a global institution may change public perception of an individual. **Hence, statement 1 is correct.**

**Statement 2 is not correct:** Although it is mentioned in the passage that, “*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*”, it cannot be assumed from the limited information given in the passage that African-Americans have faced discrimination by the nomination committee. Also, the passage does not shed any light on Africans in this regard. **Hence, Statement 2 is not correct.**

76 (d)

**Option (a) is not correct:** The passage mentions that Sri Lanka sought the help of India and China amid financial turmoil. However, there is no mention of improvement of bilateral relations as a result of this help. The author wants to convey the reason for the economic crisis that Sri Lanka is facing. It can be assumed that this is not the crucial message that the author wants to convey. **Hence, option (a) is not correct.**

**Option (b) is not correct:** From the following lines of the passage - “*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*”, it can be implied that debt restructuring is a facility employed by IMF in helping developing countries like Sri Lanka tide over balance of trade crisis. However, this statement is only a peripheral information deduced from the passage, and cannot be considered as the ‘crucial message’ conveyed by the passage. Also, World Bank has not been mentioned in the passage. **Hence, option (b) is not correct.**

**Option (c) is not correct:** The passage mentions the economic crisis in Sri Lanka, its reasons, and the help Sri Lanka sought from India and China. The passage revolves only around the economic crisis of Sri Lanka. The passage does not mention the crisis spreading to other countries of South Asia. **Hence, option (c) is not correct.**

**Option (d) is correct:** The passage mentions the multiple reasons behind the economic crisis of Sri Lanka and how it got help to come out of the crisis. The passage says, *“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.”* The passage further talks about the efforts of Sri Lanka to come out of this crisis caused by multiple factors. Thus, this statement can be considered to be the crucial message conveyed by the author. **Hence, option (d) is correct.**

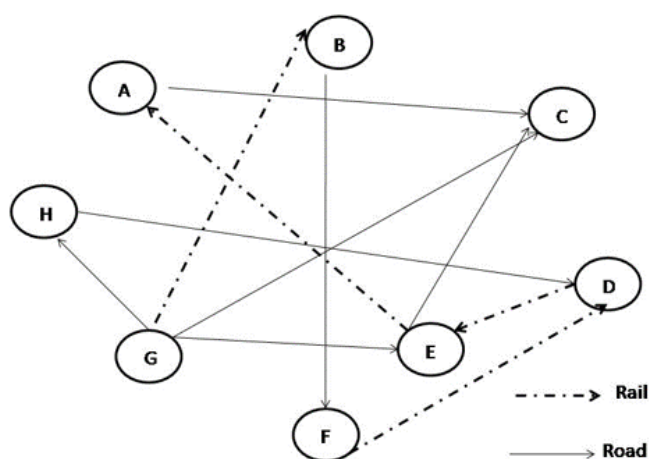
77 (b)

**Statement 1 is correct:** It is mentioned in the passage, *“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”*. It implies that in Sri Lanka, election processes impacted the revenue sources of government and contributed to the economic crisis of Sri Lanka. **Hence, statement 1 is correct.**

**Statement 2 is not correct:** Even though there is mention of Chinese help to Sri Lanka, there is no particular mention of the EXIM bank of China. **Hence, statement 2 is not correct.**

### Explanation for Questions 78 to 80:

Consider the following map to answer the given questions:



78 (a)

C → H path is C → E → G → H by road or C → G → H by road. City G needs to be crossed in every route going from C → H.

79 (b)

F → A by rail path is F → D → E → A. Thus, two cities, D and E need to be crossed.

80 (d)

When G → C is closed, H → C path by road is H → G → E → C. So, D and B need not be crossed.

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