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Solution

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Reasoning Aptitude

1. Answer: (A)
Starting point: Start with Tina, Nia, and Om to form minimum number of cases.
Direct clues:
1) Tina is from Nepal.
Clues:
1) Only one more person is from the same country as Riya.
2) Riya is not from Nepal.
3) Nia and Om are from same country but not Nepal.
Inferences:
From clue 1 and clue 2, Riya is from USA or Korea.
Case 1: Riya is from USA.
From clue 3, Nia and Om are from Korea.

Table with 2 columns: Person, Country. Rows: Tina (Nepal), Riya (USA), Nia (Korea), Om (Korea).

Case 2: Riya is from Korea.
From clue 3, Nia and Om are from USA.

Table with 2 columns: Person, Country. Rows: Tina (Nepal), Riya (Korea), Nia (USA), Om (USA).

- Clues:
1) Kia is not from Korea.
2) Lin and Kia are from same country.
3) The number of persons from USA is not four.
Inferences:

Case 1:
From clue 1 and clue 2, Kia and Lin are from Nepal.
They cannot be from USA as Riya is from USA and thus total of two persons are from USA.

Table with 2 columns: Person, Country. Rows: Tina (Nepal), Riya (USA), Nia (Korea), Om (Korea), Lin (Nepal), Kia (Nepal).

Case 2:
From clue 1 and clue 2, Kia and Lin are from Nepal.
They cannot be from USA as then the number of persons from USA will be 4, which violates clue 3

Table with 2 columns: Person, Country. Rows: Tina (Nepal), Riya (Korea), Nia (USA), Om (USA), Lin (Nepal), Kia (Nepal).

- Clues:
1) Hank is not from Korea.
2) Jim and Paras are from the same country.
Inferences:

Case 1:
From clue 1 and clue 2, Hank must be from USA as there are at least two persons from each country.
Also, Jim and Paras are from Korea.

Table with 2 columns: Person, Country. Rows: Tina (Nepal).

Table with 2 columns: Person, Country. Rows: Riya (USA), Nia (Korea), Om (Korea), Lin (Nepal), Kia (Nepal), Hank (USA), Jim (Korea), Paras (Korea).

Case 2:
From clue 2, this case can be rejected as the country of Jim and Paras cannot be determined.
They cannot be from Korea as only one more person can be from the same country as Riya.
Also, they cannot be from USA as then the number of persons from USA will be four, which is not possible.
The final arrangement is as follows:

Table with 2 columns: Person, Country. Rows: Tina (Nepal), Riya (USA), Nia (Korea), Om (Korea), Lin (Nepal), Kia (Nepal), Hank (USA), Jim (Korea), Paras (Korea).

Nia is from the same country as Paras.

2. Answer: (C)
Riya and Hank are from USA.
3. Answer: (E)
Except 'Nia, Paras', all the person are from different countries.
Nia and Paras are from Korea.
4. Answer: (D)
Om and Jim are from Korea.
5. Answer: (D)
Japan, the USA, China, Russia, Nepal, India, and Africa host a meeting in seven different months (Starting from January), but not necessarily in the same order.

Table with 2 columns: Month, Country. Rows: January, February, March, April, May, June, July.

- Russia hosts the meeting in the month which has 30 days.
· So, there are two cases possible i.e. Case 1 and Case 2.

Table with 3 columns: Month, Country (Case 1), Country (Case 2). Rows: January, February, March, April (Russia), May, June (Russia), July.

- Two countries host the meeting between Russia and Africa.
· Japan hosts the meeting immediately after Africa.

Table with 3 columns: Month, Country (Case 1), Country (Case 2). Rows include January (Africa), February (Japan), March (Africa), April (Russia, Japan), May, June (Russia), and July.

- One country hosts the meeting between USA and Nepal.
- China hosts the meeting immediately before India.
- India does not host the meeting in July month.
- So, Case 1 will be invalid.

Table with 3 columns: Month, Country (Case 1) (Invalid), Country (Case 2). Rows include January (Africa, China), February (Japan, India), March (Nepal/USA, Africa), April (Russia, Japan), May (USA/Nepal, Nepal/USA), June (China, Russia), and July (India, Nepal/USA).

Finally, we get,

Table with 2 columns: Month, Country. Rows include January (China), February (India), March (Africa), April (Japan), May (Nepal/USA), June (Russia), and July (Nepal/USA).

Either Nepal or the USA hosts the meeting in July month.

6. Answer: (D)

Clues:

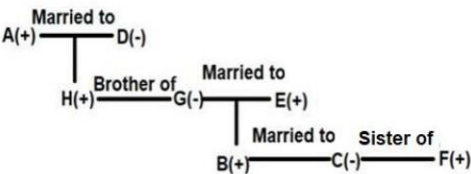
- 1) F is brother-in-law of B, who is son of G.
- 2) H is brother-in-law of E.
- 3) D is mother of G.
- 4) A is father of H.
- 5) E is father-in-law of C.

Inferences:

From clue 2 and 4, A is father of H, who is brother-in-law of E.

From clue 1, 3, 5 and above inferences, A is husband of D. H is brother of G, who is wife of E. B is husband of C, who is sister of F.

We draw the following family tree:



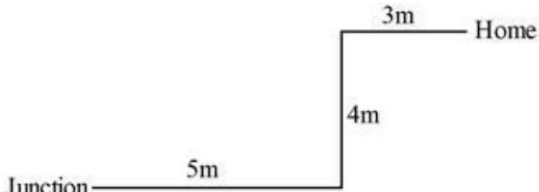
G is daughter of A, who is father of H.

7. Answer: (A)

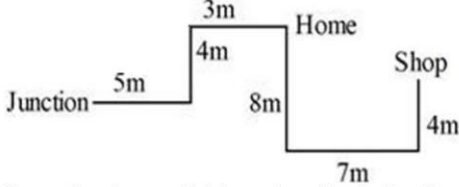
There are three female members in the family.

8. Answer: (B)

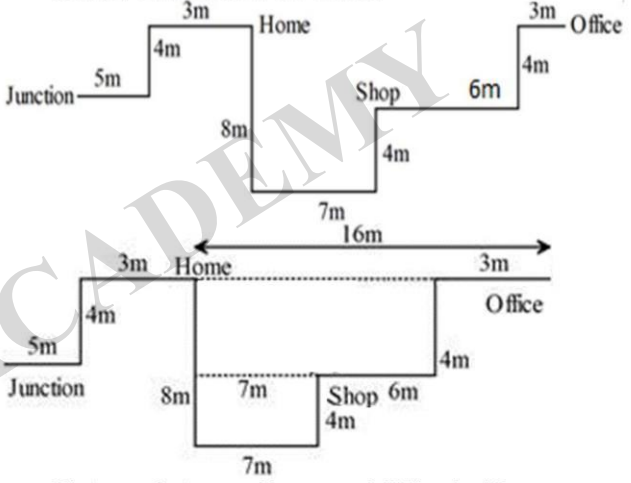
Ram started from junction and walked 5m towards east then he turns left and walked 4m. Now, he turns right and walked 3m to reach his home.



Again, he turns right and walked 8m. He turns left and walked 7m and again, he turns left and reached and walked 4m to reach the shop.



Now, he turns right and walked 6m then he turns left and walked 4m. Finally, he turns right and walked 3m to reach his office.



Distance between Home and Office is 16m

9. Answer: (D)

Junction is towards west with respect to Shop.

10. Answer: (C)

The shortest distance between Home and Shop = sqrt(4^2 + 7^2) = sqrt(65) = 8 (appx)

11. Answer: (D)

lot stronger than rocks == az gt jq fu
rocks and black silt == cx mn jq lo
more black than night == ev gt by lo
more important and stronger == ri az by cx

So, we get:

stronger == az
than == gt
rocks == jq
lot == fu
and == cx
black == lo
silt == mn
more == by
night == ev
important == ri

The code for the words 'more silt' is 'mn by'.

12. Answer: (D)

'black' is coded as 'lo'.

13. Answer: (A)

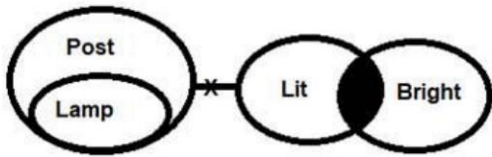
'important night' are coded as 'ev ri'.

14. Answer: (E)

Only I and II are correct.

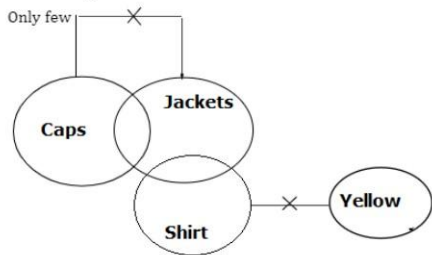
15. **Answer: (C)**
Code for 'stronger' is 'az'.

16. **Answer: (A)**
The following Venn diagram can be drawn from the given statements,



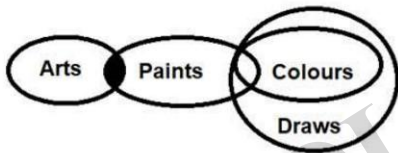
From the above Venn diagram, conclusion I follows and conclusion III does not follow. The part of Bright, which is Lit, can never be Post. So, conclusion II follows. So, only conclusions I and II follow.

17. **Answer: (A)**
Venn diagram:



I. All Yellow can be Caps ---- Follow
II. Some Jackets is Yellow ---- Does not follow
So, Only Conclusion I follows.

18. **Answer: (D)**
Following figures can be formed:



Conclusion:

I. Some Draws are Paints: Follows (As, Some Paints are Colours and All colours are Draws. So, those draws, which are Colours are also Paints)
II. Few Arts can be Colours: Follows (As, as there is no direct relation between Arts and Colours. So, all possible conclusion follows)
III. All Arts can be Paints: Doesn't follow (As, only a few Arts are Paints. So, all Arts can never be Paints)
Only conclusion I and conclusion II follow.

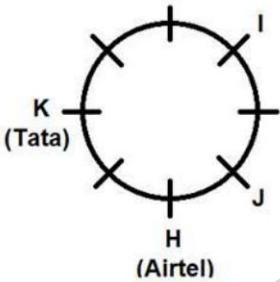
19. **Answer: (A)**
Given:
 $R > T = O \geq N$; $G \leq H = I < R$; $T \geq D = Q > A$
On combining the given statements,
 $R > T = O \geq D = Q > A$ and $G \leq H = I < R > T = O \geq N$
Conclusions:
I. $R > A$: True (As, $R > T = O \geq D = Q > A$, so, $R > A$)
II. $N > G$: False (As, $G \leq H = I < R > T = O \geq N$, so, relation between N and G cannot be determined)
III. $Q < T$: False (As, $T = O \geq D = Q$, so, $T \geq Q$)
So, only conclusions I is true.

20. **Answer: (E)**
 $F < D < E < G \leq H$
Conclusions
I. $E < H$ (True)
II. $E > F$ (True)
So, both I and II are true.

21. **Answer: (A)**
Starting Point: Start with H, I and J for least possible cases.

Clues:
1) I sits 3rd to the left of H, who works in Airtel.
2) J sits adjacent to H.
3) K, who works in Tata sits 3rd to the right of J.

Inferences:
From clue 1 and 2, we have two cases, first when J sits immediate left of H and second, when J sits immediate right of H.
Case 1: When J sits immediate left of H.

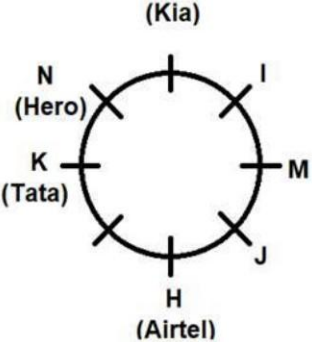


Case 2: When J sits immediate right of H.



Clues:
1) Two persons sit between M and N, who works in Hero (from either side).
2) The one, who works in Kia sits immediate right of N.
3) M sits adjacent to J.

Inferences:
From clue 3, in case 1, M sits immediate left of J and in case 2, M sits immediate right of J.
From clue 1, 2 and above inferences, case 2 gets eliminated as we cannot place the one, who works in Kia and N.
From clue 1 and 2, in case 1, N sits 3rd to the left of M.
Case 1: When J sits immediate left of H.



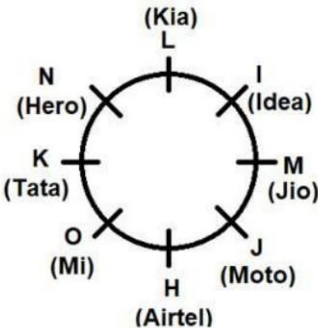
Clues:
1) One person sits between the one, who works in Kia and the one, who works in Jio.

- 2) O sits 2nd to the right the one, who works in Moto.
- 3) O doesn't work in Idea.

Inferences:

From clue 1, 2 and 3, M works in Jio, O sits immediate right of H and works in Mi. J works in Moto and L works in Kia.

The final arrangement is as follows:



J works in Moto.

- 22. Answer: (D) Four persons sit between the one, who works in Mi and the one, who works in Kia, when counted from the right of the one, who works in Kia.
- 23. Answer: (B) I works in Idea.
- 24. Answer: (E) In all the pairs both the persons are adjacent to each other except for 'I, N'.
- 25. Answer: (C) M sits 5th to the right of the one, who works in Mi.
- 26. Answer: (D)

Starting Point: Start with C, B and A for least possible cases.

Clues:

- 1) C is kept three boxes above B, which has Colours in it.
- 2) One box is kept between C and A.
- 3) B is kept at prime numbered position.

Inferences:

From clue 1, 2 and 3, we have two cases, first, when B is kept at 2nd position and second, when B is kept at 3rd position.

Case 1: When B is kept at 2nd position.

Number	Box	Item
9		
8		
7	A	
6		
5	C	
4		
3		
2	B	Colours
1		

Case 2: When B is kept at 3rd position.

Number	Box	Item
9		
8	A	
7		
6	C	
5		
4		
3	B	Colours
2		

1		
---	--	--

Clues:

- 1) D, which has bags, is kept three boxes above H, which has Soaps.
- 2) As many boxes are below I as above the box, which has Bottles.

Inferences:

From clue 1, in case 1, D is kept at 9th position and in case 2, D is kept at 4th position.

From clue 2, in case 1, I is kept at 3rd position and in case 2, I is kept at 5th position

Case 1: When B is kept at 2nd position.

Number	Box	Item
9	D	Bags
8		
7	A	Bottles
6	H	Soaps
5	C	
4		
3	I	
2	B	Colours
1		

Case 2: When B is kept at 3rd position.

Number	Box	Item
9		
8	A	
7		
6	C	
5	I	Bottles
4	D	Bags
3	B	Colours
2		
1	H	Soaps

Clues:

- 1) G is kept above F.
- 2) Three boxes are kept between the box, which has Bottles and the box, which has Glues.

Inferences:

From clue 1, in both the cases, G is kept just above A. In case 1, F is kept just above I and in case 2, F is kept just above C.

From clue 2, in case 1, I has Glue and in case 2, G has Glue.

Case 1: When B is kept at 2nd position.

Number	Box	Item
9	D	Bags
8	G	
7	A	Bottles
6	H	Soaps
5	C	
4	F	
3	I	Glue
2	B	Colours
1	E	

Case 2: When B is kept at 3rd position.

Number	Box	Item
9	G	Glue
8	A	
7	F	
6	C	
5	I	Bottles
4	D	Bags
3	B	Colours
2	E	
1	H	Soaps

Clues:

- 1) The box, which has lights is kept just above the box, which has Belts.
2) Neither A nor F has Lights.

Inferences:

From clue 1 and 2, case 2 gets eliminated and in case 1, C has Lights and F has Belts.

The final arrangement is as follows:

Number	Box	Item
9	D	Bags
8	G	Watches/Copies
7	A	Bottles
6	H	Soaps
5	C	Lights
4	F	Belts
3	I	Glue
2	B	Colours
1	E	Copies/Watches

C has lights.

27. **Answer: (B)**

Two boxes are between the box, which has Glues and the box, which has Soaps.

28. **Answer: (E)**

Either D or B is kept one box above the box, which has copies.

29. **Answer: (C)**

Only statements II and III are true.

30. **Answer: (A)**

All the boxes are kept at odd numbered position except G.

Quantitative Aptitude

31. **Answer: (C)**

Ratio of distance covered by 'B' and 'C' in the time taken by 'A' to finish the race = 160:140 = 8:7
So, ratio of speeds of 'B' and 'C' = 8:7
So, distance covered by 'C' in the time taken by 'B' to cover 300 metres = $300 \times (7/8) = 262.5$ metres
So, 'B' will beat 'C' by $300 - 262.5 = 37.5$ metres
Hence, option c.

32. **Answer: (B)**

Let the diagonals of the rhombus be 5k cm and 12k cm.

Side length of the rhombus = $\sqrt{((5k/2)^2 + (12k/2)^2)}$
= $13k/2$ cm

So, $4 \times 13k/2 = 104$

k = 4

Area of the rhombus = $(1/2) \times 5k \times 12k = 480$ cm²

Let the diagonal of the square be 'a' cm

Side of the square = $a/\sqrt{2}$ cm

So, $(a/\sqrt{2})^2 = 480$

a = $8\sqrt{15}$

33. **Answer: (A)**

$(35)^{42} \times (1/1225)^8 \times (35)^{15} \times (1225)^{-3} = (35)^{?}$

$(35)^{42} \times (1/35)^{16} \times (35)^{15} \times (1/35)^6 = (35)^{?}$

$\sqrt{?} = 42 - 16 + 15 - 6$

? = $(35)^2$

? = 1225

34. **Answer: (A)**

? + $931 \times 7/19 = 832$ % of 75 + 287

? + 343 = 624 + 287

? = 911 - 343

? = 568

35. **Answer: (E)**

From i.

$x^2 - 2x - 195 = 0$

$x^2 - 15x + 13x - 195 = 0$

$x(x-15) + 13(x-15) = 0$

$(x+13)(x-15) = 0$

X = -13 or x = 15

From ii.

$y^2 + 27y + 162 = 0$

$y^2 + 9y + 18y + 162 = 0$

$y(y+9) + 18(y+9) = 0$

$(y+9)(y+18) = 0$

y = -9 or y = -18

When x = -13, y = -9; x < y

When x = -13, y = -18; x > y

When x = 15, y = -9; x > y

When x = 15, y = -18; x > y

Hence, no relation can be established.

36. **Answer: (A)**

From I:

$(x^2/1024) = 0.0625$

Or, $x^2 = 1024 \times 0.0625 = 64$

So, x = ± 8

From II:

$y^2 + 21y + 108 = 0$

Or, $y^2 + 12y + 9y + 108 = 0$

Or, $y(y + 12) + 9(y + 12) = 0$

Or, $(y + 9)(y + 12) = 0$

So, y = -9 or -12

'x'	Relation	'y'
+8	>	-9
-8	>	-12
+8	>	-9
-8	>	-12

So, x > y.

Hence, option a.

37. **Answer: (E)**

From equation I.

$X^2 - 61X + 588 = 0$

$X^2 - 12X - 49X + 588 = 0$

$(X - 49)(X - 12) = 0$

X = 49, 12

From equation II.

$3Y^2 - 33Y + 90 = 0$

$3Y^2 - 15Y - 18Y + 90 = 0$

$3Y(Y - 5) - 18(Y - 5) = 0$

$(3Y - 18)(Y - 5) = 0$

Y = 6, 5

	Y = 6	Y = 5
X = 49	X > Y	X > Y
X = 12	X > Y	X > Y

Hence, X > Y

38. **Answer: (B)**

Let price of 1 gram = 1

Since, he takes 600 grams at the cost of 500 grams.

So, CP of 600 grams = 500

CP of 1 gram = $500/600 = 5/6$

Since, he sold 900 grams at the cost of 1 kg.

SP of 900 grams = 1000

SP of 1 gram = $1000/900 = 10/9$

Profit amount = $(10/9) - (5/6) = (20 - 15)/18 = 5/18$

Profit percent = $[(5/18)/(5/6)] \times 100 = 33.33\%$

39. **Answer: (E)**

$41.91 \times 5.19 - \sqrt{?} = \sqrt{325.2 \times 9.98 + 4.89}$

$42 \times 5 - \sqrt{?} \sim \sqrt{324 \times 10 + 5}$

$42 \times 5 - \sqrt{?} \sim 18 \times 10 + 5$

$210 - \sqrt{?} \sim 180 + 5$

$\sqrt{?} \sim 210 - 185$

- ? ~ 25²
? ~ 625
Hence, option e.
40. **Answer: (B)**
 $(? + 23.87 \times 34.98) \div \sqrt{145} = 89.98$
 $(? + 24 \times 35) \div \sqrt{144} \sim 90$
 $(? + 840) \div 12 \sim 90$
 $(? + 840) \sim 90 \times 12$
 $? \sim 1080 - 840$
 $? \sim 240$
Hence, option b.
41. **Answer: (B)**
The given series follows the following pattern:
 $41 + 42 = 83$
 $83 + 42 = 125$
 $125 + 83 = 208$
 $208 + 125 = 333$
 $333 + 208 = 541$
Hence, option b.
42. **Answer: (A)**
The series follows the following pattern:
 $14 + 7 = 21$
 $21 + 9 = 30$
 $30 + 11 = 41$
 $41 + 13 = 54$
 $54 + 15 = 69$
Hence, option a.
43. **Answer: (A)**
Logic for the given series:
- | | | | | | |
|---|-----|-----|-----|----|----|
| 880 | 448 | 232 | 124 | 70 | 43 |
| $\begin{array}{ccccc} \text{---} & \text{---} & \text{---} & \text{---} & \text{---} \\ -432 & -216 & -108 & -54 & -27 \end{array}$ | | | | | |
| $\begin{array}{ccccc} \text{---} & \text{---} & \text{---} & \text{---} & \text{---} \\ /2 & /2 & /2 & /2 & /2 \end{array}$ | | | | | |
- Hence, wrong term = 31
44. **Answer: (C)**
Let the amount added by Vaani = k
Amount received on simple interest = $1500 \times [1 + 4/100] = ₹1740$
Now,
 $(1740 + k) (1 + 6 \times 6/100) = 4352$
 $1740 + k = 3200$
 $k = ₹1460$
45. **Answer: (A)**
Value of investment = investment $\times$ time
Let the initial investment by Mahesh, Rakesh and Alka respectively be 2y, 3y and 5y
Value invested by Mahesh = $(2y \times 3) = 6y$
Value invested by Rakesh = $((3y \times 3) + 15000 \times 2) = 9y + 30000$
Value invested by Alka = $((5y \times 3) + 15000 \times 1) = 15y + 15000$
Profit will be shared in proportion to the value of investments.
 $(6y) : (9y + 30000) : (15y + 15000) = 2 : 5 : 6$
 $\frac{6y}{9y + 30000} = \frac{2}{5}$
 $y = 5000$
Hence, investment made by Alka = $5 \times 5000 + 15000 = ₹40000$
46. **Answer: (C)**
Average speed = Total distance travelled/Total time taken
Total distance = $(180 + 250 + 30) = 460$ km
Total time taken = $(180/90) + (250/50) + (30/5) = 13$ hours

- Average speed = $460/13 = 35 (5/13)$ km/hr
47. **Answer: (D)**
Quantity of milk remaining in vessel 'A' after 150 litres of milk is withdrawn = $600 - 150 = 450$ litres
Ratio of quantity of milk to that of water in vessel 'B' after 150 litres from vessel 'A' is mixed with it = $150:600 = 1:4$
So, quantity of water remaining in vessel 'B' after 150 litres of mixture is withdrawn = $600 - \{150 \times (4/5)\} = 480$ litres
And, quantity of milk in vessel 'A' after 150 litres of mixture is added = $450 + \{150 \times (1/5)\} = 480$ litres
So, required ratio = $480:480 = 1:1$
Hence, option d.
48. **Answer: (B)**
Time taken by pipe 'A' to fill one bucket = $36 \div 6 = 6$ minutes
Time taken by pipe 'B' to fill one bucket = $32 \div 4 = 8$ minutes
Time taken by pipe 'C' to fill one bucket = $48 \div 12 = 4$ minutes
Number of buckets filled by all three pipes together in 30 minutes = $(30 \div 6) + (30 \div 8) + (30 \div 4) = 16.25$
So, capacity of the tank = $(16.25 \times 8) \div 0.65 = 200$ litres
Hence, option b.
49. **Answer: (B)**
At present, let the age of 'A' = '5x' years
Then, present age of 'B' = $5x \times 1.2 = '6x'$ years
8 years ago from now, age of 'A' = $(5x - 8)$ years
8 years ago from now, age of 'B' = $(6x - 8)$ years
According to the question,
 $(5x - 8):(6x - 8) = 4:5$
Or, $25x - 40 = 24x - 32$
Or, $x = 8$
So, present age of 'A' and 'B' are 40 years and 48 years, respectively.
2 years hence from now, age of 'B' = $48 + 2 = 50$ years
2 years hence from now, age of 'C' = $50 - 50 \times 0.4 = 30$ years
So, present age of 'C' = $30 - 2 = 28$ years
Hence, option b.
50. **Answer: (C)**
For Gryffindor:
Total number of students = 240
Number of boys = 156
So, number of girls = $240 - 156 = 84$
Similarly,
- | House | Total number of students in the house | Number of boys in the house | Number of girls in the house |
|------------|---------------------------------------|-----------------------------|------------------------------|
| Gryffindor | 240 | 156 | 84 |
| Slytherin | 300 | 168 | 132 |
| Hufflepuff | 336 | 192 | 144 |
| Ravenclaw | 264 | 144 | 120 |
- Required ratio = $(84 + 132):300 = 216:300 = 18:25$
Hence, option c.
51. **Answer: (A)**
 $P = \{(192 - 120)/120\} \times 100 = 60$
So, required value = $60 \times 2.5 = 150$

English Language

- Hence, option a.
52. **Answer: (B)**
Required difference = $264 - \{(156 + 144)/2\} = 114$
Hence, option b.
53. **Answer: (A)**
Total increase in the number of students in the house
= $336 \times 0.25 = 84$
Total increase in the number of girls in the house
= $144 \times 0.5 = 72$
So, total increase in the number of boys in the house
= $84 - 72 = 12$
So, required percentage = $(12/192) \times 100 = 6.25\%$
Hence, option a.
54. **Answer: (E)**
Required average = $(132 + 144 + 120) \div 3 = 132$
Hence, option e.
55. **Answer: (C)**
For 'A':
Let number of gold and number of silver coins found at location 'A' be '5x' and '6x', respectively.
ATQ;
 $140 = 6x - 5x$
Or, $x = 140$
So, number of gold coins found = $5x = 5 \times 140 = 700$
And number of silver coins found = $6x = 6 \times 140 = 840$
Similarly,
- | Location | Number of gold coins found | Number of silver coins found |
|----------|----------------------------|------------------------------|
| A | 700 | 840 |
| B | 648 | 792 |
| C | 1118 | 946 |
| D | 1326 | 1836 |
| E | 680 | 884 |
- Required difference = $(700 + 648) - 840 = 508$
Hence, option c.
56. **Answer: (B)**
 $(p/q) = (1326/884)$
Or, $p:q = 3:2$
So, required value = $3 + 2 = 5$
Hence, option b.
57. **Answer: (D)**
Required average = $(946 + 1836) \div 2 = 1391$
Hence, option d.
58. **Answer: (A)**
Number of bronze coins found at location 'B' = $792 \times (14/9) = 1232$
So, required sum = $1232 + 648 = 1880$
Hence, option a.
59. **Answer: (E)**
 $100d = (1118 + 946) - (680 + 884) = 500$
So, $d = 5$
So, required value = $\sqrt{(5^2 + 11)} = \sqrt{(25 + 11)} = 6$
Hence, option e.
60. **Answer: (A)**
For I:
We can see from the table that highest number of silver coins were found at location 'D'.
So, statement I is true.
For II:
We can see from the table, that lowest number of gold coins were found at location 'B'.
So, statement II is false.
Hence, option a.

61. **Answer: (C)**
(c) is the correct answer. We need the continuous form of the verb to fit in the construction IS+VERB. BECOMING is a verb which means 'to develop into something or begin to be'. It will fit here as the sentence tries to establish what will be the accepted norm with respect to India's engine of growth in future.
Beginning - starting. Saving- Rescuing. Backing (noun)- Supporting. Initiating- Instituting.
62. **Answer: (C)**
(c) is the correct answer. We need the past participle form of the verb to fit in the passive voice construction WILL +BE+ VERB. DRIVEN is a verb which means 'guided or directed'. The sentence talks about India's future growth which will be steered by its entrepreneurial class and that the "organized sector. MOVE is a base form verb. Hidden-Concealed. Forgiven-Excused. Revision (noun)- the act of correcting something.
63. **Answer: (E)**
(e) is the correct answer. We need the past participle form of the verb to fit in the passive voice construction IS + VERB. The sentence is grammatically and meaningfully correct and given word is aptly used in this context.
Debacle (noun)- Failure. Dwindled- Decreased. Toppled-Tumbled. Rattled- Jolted.
64. **Answer: (B)**
(b) is the correct answer. We need the past participle form of the verb to fit in the present perfect tense construction- HAS/ HAVE+ VERB. Replace THRIVED with REALISED as the former means 'flourished' and 'realised' means 'recognised'.
Appeased- Satisfied. Authorised- Allowed. Emphasised- stressed.
65. **Answer: (C)**
(c) is the correct answer. We need a verb which will agree with the noun (India). Replace VINDICATES with INDICATES as former means 'absolves' while the latter means 'shows or stipulates'. It will fit here as the sentence talks about the findings of the reports on startups in India.
Eliminates- Removes. Saturates- fills up. Stimulates- Encourages.
66. **Answer: (A)**
There is an error in the part (A). The usage of the phrase 'last Friday' informs us that the tense of the sentence should be simple past. We need to replace 'assures', which makes the tense of the sentence simple present, with 'assured'. Hence, (a) is the correct answer.
67. **Answer: (E)**
The given sentence is grammatically correct and contextually meaningful. Hence, (e) is the correct answer.
68. **Answer: (A)**
There is an error in the part (a) of the sentence. The context of the sentence demands a to-infinitive. The construction of to-infinitive is 'to + verb in first form'. We need to replace 'giving' to 'give'. Hence, (a) is the correct answer.
69. **Answer: (C)**
There is an error in the part (b) of the sentence. The usage of the preposition 'for' is incorrect as per the

context of the sentence. The correct preposition to be used is 'near', 'in', etc.

We need to replace 'for' with 'near'. Hence, (b) is the correct answer.

70. **Answer: (B)**

In (b), replace the singular noun CASE with the plural noun CASES, as the sentence talks about a rise in the number of cases of traumatic brain injury. Since the sentence talks of many such cases, the plural noun will be used. Hence, (b) is the correct answer.

71. **Answer: (C)**

The phrase BRUSHED OFF (ignored or refused to consider the importance of something) has been used in the sentence to convey that the importance of the platform was not considered and it was ignored as a failure. The word DISMISSED (refused to consider something important) is similar to the highlighted phrase and can replace it. Thus, C is the right answer.

IMPROVED - made something better.

INSTITUTED - started or established.

DISMANTLED - separated into pieces.

72. **Answer: (C)**

Only sentence II is grammatically and meaningfully correct. In I, IN before CONTRIBUTES should be replaced with TO, as TO or TOWARDS is the correct preposition to be used with the verb CONTRIBUTE. In III, BILLIONS should be replaced with BILLION, as the word is always singular when a value is given before it. Thus, C is the right answer.

73. **Answer: (A)**

'Shopping' acts as a verb form (which acts as a noun), so it will be qualified using an adverb. For the first blank, adverb is required that is available in options (a) and (d) but the use of 'alluding fashion' does not make a meaningful sentence as 'alluding' means to speak about somebody/something in an indirect way.

'Humdrum' means lacking excitement or variety; boringly monotonous. It can be used in the second blank, to say that shopping in a certain way does not have to be boring and the way is given as 'frugally (in a way that is simple and plain and costs little)'. So, it gives a coherent meaning to the sentence.

'Mundane' means dull. 'Enervated' means tiring. Option 'b' too would have been correct if the words had been given for the opposite blanks.

Hence, option (a) is correct.

74. **Answer: (A)**

The positions of the words A and B are incorrect in the given sentence. There should be a verb in place of A to describe the action of the subject 'they'. Also, there should be a noun in place of B as it is followed by a verb and preceded by the definite article. So, swapping A with B will make the sentence grammatically and contextually meaningful.

The correct sentence is: They somehow survived, even though the building was completely destroyed due to the earthquake.

Hence, (a) is the correct answer.

75. **Answer: (D)**

The use of the noun 'improvement' after the country 'Nigeria' (singular noun) is incorrect as we require a verb at its place to denote an action regarding the noun 'research'. The use of 'found' is

incorrect as the indefinite article a/an should be followed by a singular noun. 'Found' fits perfectly at first position as it denotes that the research had some findings (means 'information that is discovered as a result of research into something'), so 'A-D' will be swapped. The use of 'B' and 'C' is justifiable as 'greater access' suggests parents are getting more access to children's learnings and the use of 'children were learning' is also grammatically correct.

The correct order of rearrangement is DBCA.

The correct sentence is: Research in Nigeria found that giving parents greater access to what their children were learning led to an improvement in their commitment to learning online.

Hence, option (d) is correct.

76. **Answer: (E)**

All the words are correct.

Hence, option (e) is the correct answer.

77. **Answer: (E)**

The reference here is to a drug which is probably bitter, so a way is being suggested to mask the bitterness. Hence the existing phrase is correct -- kill the taste means 'to destroy a vitally essential quality'.

kill off - exterminate

on the kill - moment of triumph

kill oneself - overexert

kill two birds with a stone - achieve two results with one action

78. **Answer: (D)**

The highlighted part of the sentence is incorrect.

Instead of 'than', 'to' should be used in comparisons using 'inferior'. Also, 'rich' (having a great deal of money or assets; wealthy) is an adjective. The sentence compares farmers with rich people. We can use the definite article 'the' before the adjective to convert it into a collective noun. 'The rich' means 'rich people'. So, the phrase 'farmers are inferior to the rich' is the correct choice.

Hence, option (d) is the correct answer.

The correct sentence is: Why does the government act as if our **farmers are inferior to the rich**?

79. **Answer: (A)**

The structure of the sentence shows that it is given in passive voice. So, third form of verb should be used after the helping verb (was) so the options having verbs 'choosing, getting and yield' will be eliminated. When only two entities/nouns/ places are mentioned in a sentence, we use 'between' for them and for more than two entities we use 'among', here, two nouns are given so 'between' is the correct fit for the second blank. The sentence conveys that the French convention opened a selected land for trade between Tongking and Yunnan after two years.

Hence, option (a) is correct.

80. **Answer: (C)**

Sentence C is incorrect. In the given sentence, one definite article is used to qualify both 'coach' and 'owner'. This means that both coach and owner are used to describe a single person. So, the plural verb 'have' should be replaced with its singular form 'has'.

The correct sentence is: The coach and owner of the team has devised a plan for the upcoming matches.

Hence, option (c) is the correct answer.

81. **Answer: (B)**

The error is in part (B). The preposition 'by' is incorrectly used, instead preposition 'of' should be used. This is because the preposition 'by' is usually used when 'influence' is present in its past form, i.e., 'influenced'. Preposition 'of' would suggest the impact of 'khat narcotic' on the teenagers.

Hence, option (b) is correct.

82. **Answer: (B)**

The error is in part (D). The usage of gerund 'helping' is incorrect, instead the base form 'help' should be used because the infinitive marker 'to' is usually followed by the base verb, so the base verb 'help' should be used.

Hence, option (b) is correct.

83. **Answer: (D)**

'Entrepreneur' is not a correct word in English. The correct spelling is 'entrepreneur' (a person who sets up a business or businesses, taking on financial risks in the hope of profit).

The adjective 'futile' means 'incapable of producing any useful result; pointless'. Entrepreneurs always give their best to make their vision successful. So, the adjective 'futile' in the given sentence is contextually incorrect. It should be replaced with the adjective 'successful'.

Hence, option (d) is the correct answer.

84. **Answer: (A)**

In the given sentence, the word 'leuietenant' is incorrectly spelt.

Lieutenant: an officer at a middle level in the army, navy, or air force

Hence, option (a) is the correct answer.

Unwavering: not hesitant; resolute

85. **Answer: (A)**

The word 'ascent' has been used correctly in sentences I and III. In sentence II, it has been used incorrectly.

I- 'Ascent' is used as a noun, that refers to 'a climb or walk to the summit of a mountain or hill.' Here, it refers to the hike by the girl and her father.

II - The correct term to be used here is 'descent' which refers to one's background or origin in terms of family or nationality (in this sentence).

III- Here, 'ascent' is used as a noun and refers to the subject's rise to a higher social or professional rank.

Hence, the correct answer is option (a).

86. **Answer: (C)**

We need a base form verb to fit in the infinitive construction TO + VERB. GRASP (comprehend) will fit here as the sentence tells us how sometimes children are not able to understand the social and structural features that relate to economic inequality. Thus, C is the right answer.

RELY (depend) is incorrect as it will require the preposition ON after it. OWE - to have an obligation to pay. BEHAVE (act in a particular manner) is an intransitive verb and will not take an object. Feeble - weak.

87. **Answer: (B)**

We need a base form verb to follow the modal verb CAN. It should also take the preposition ON after it.

COUNT will fit here as the phrasal verb COUNT ON means to rely on someone and the sentence talks about how one can believe the fact that counsellors understand children's concerns. Thus, B is the right answer.

DEPENDING is a continuous form verb. RELIABLE is an adjective. REALISATION is a noun. Inhabit - occupy.

88. **Answer: (E)**

We need a continuous form verb here so that it is parallel in form to the verb TURNING. ENGAGING (interacting) will fit here as the sentence talks about deeply interacting with our emotions. Thus, E is the right answer.

AGREE, COLLABORATE and INTERFERE are base form verbs. CONDEMNING - criticising something strongly.

89. **Answer: (A)**

The correct order is **BCEFAD**.

Sentence 'B' starts the paragraph by informing about the vast oil spill from cargo ship MV Wakashio, on a coral reef in Mauritius. Sentence 'C' discusses how this spill is one of its kind (spill of a new type of low-sulphur fuel). Sentence 'E' informs of the catastrophic size of this spill. That Mauritius is not capable to handle such a crisis and other countries have sent experts to help is discussed in sentence 'F'. Hence, the UN has also sent the team of experts (sentence 'A'). Sentence 'D' concludes the passage by saying that they all have been working for this clean-up.

So, the course of passage is: A vast oil spill in Mauritius from cargo ship MV Wakashio (B). Unique thing about it (first reported spill of a new type of fuel) (C). Catastrophic size of oil spill (E). Mauritius is not able to handle it on its own so other countries are helping it (F). UN has also sent help (A). They are all working towards this clean-up effort (D).

Hence, the order: **BCEFAD**

'D' is the sixth sentence after rearrangement and option a) is the correct answer.

90. **Answer: (C)**

The correct order is **BCEFAD**.

'F' is the fourth sentence after rearrangement and option c) is the correct answer.

91. **Answer: (E)**

The correct order is **BCEFAD**.

'C' is the second sentence after rearrangement and option e) is the correct answer.

92. **Answer: (C)**

The correct order is **BCEFAD**.

'B' is the first sentence after rearrangement and option c) is the correct answer.

93. **Answer: (E)**

The correct order is **BCEFAD**.

'A' is the fifth sentence after rearrangement and option e) is the correct answer.

94. **Answer: (D)**

The third paragraph of the passage states, "The monsoon has been particularly erratic this year with temporal and spatial deviations... Moreover, a dry August may impact yields and thereby, kharif output and farm incomes, and have consequences for food inflation." It can be noted from the given sentences that an irregular rainfall pattern may

affect the farmers' yields and incomes. This effect may consequently result in the fluctuations in the food inflation.

Hence, the correct answer is option (d).

95. **Answer: (A)**

The second paragraph mentions, "ICRA expects the GDP growth to slow down to around 4.5-5 per cent in the second half of the year, well below the MPC's estimates of 5.7-6 per cent."

Also, the third paragraph states, "In addition to further normalisation of the base, this will be led by a multitude of factors, some of which are exogenous. The monsoon has been particularly erratic this year with temporal and spatial deviations... kharif output and farm incomes and have consequences for the food inflation." It can be understood from the given sentences that the normalisation of the base and a volatile monsoon season resulted in slow GDP growth in the second half of the current year. It is also given that there are other factors (a multitude of factors) that can contribute to this decline.

Hence, the correct answer is option (a).

Multitude: a great number; numerous

96. **Answer: (C)**

The first paragraph of the passage mentions, "Looking back, the economy grew at 7.8 per cent in the first quarter of 2023-24, up from 6.1 per cent in the fourth quarter of 2022-23, amid a supportive base and robust domestic demand." It can be noted from the given sentence that a helpful base and booming domestic demand led to positive economic growth from the fourth quarter of the year 2022-23 to the first quarter of the year 2023-24.

Hence, the correct answer is option (c).

97. **Answer: (C)**

Statement I: The second paragraph states, "It is expected India's GDP growth will print at around 7 per cent in the second quarter, exceeding the Monetary Policy Committee's (MPC) estimate of 6.5 per cent." It can be noted that the MPC has predicted India's GDP growth at 6.5% in the second quarter of the current year. Therefore, the statement I is correct.

Statement II: The second paragraph mentions, "ICRA expects the GDP growth to slow down to around 4.5-5 per cent in the second half of the year, well below the MPC's estimates of 5.7-6 per cent." It can be observed from the given sentence that ICRA and the MPC have distinct estimates for India's GDP growth during the second half of the year. So, the statement II is incorrect.

Statement III: Again using the reference of the second paragraph that states, "ICRA expects the GDP growth to slow down to around 4.5-5 per cent in the second half of the year, well below the MPC's estimates of 5.7-6 per cent." It can be noted that according to the MPC, the GDP growth might range between 5.7-6% during the second half of

the year and not 7-8.01%. Therefore, the statement III is also incorrect.

Hence, the correct answer is option (c).

98. **Answer: (A)**

Statement I: The first paragraph of the passage mentions, "Looking back, the economy grew at 7.8 per cent in the first quarter of 2023-24.. Regardless of the debates, the country was the fastest growing major economy in the world in that quarter." It can be noted that India was the fastest (and not the fifth fastest) growing economy in the world during the first quarter of the year 2023-2024. So, the statement I is incorrect.

Statement II: The first paragraph also mentions, "Looking back, the economy grew at 7.8 per cent in the first quarter of 2023-24, up from 6.1 per cent in the fourth quarter of 2022-23, amid a supportive base and robust domestic demand". Therefore, it is correct that the economy progresses at 7.8% in the first quarter of the year 2023-24. So, the statement II is correct.

Statement III: The second paragraph states, "For instance, the year-on-year growth in the ICRA Business Activity Monitor, a composite index of high-frequency indicators, had risen from an average of 7.2 per cent in the first quarter to 8.1 per cent in July and further to a six-month high of 10.7 per cent in August." It can be observed that according to the ICRA Business Activity Monitor, the year-on-year growth was recorded at 8.1% in the month of July of the year 2023-24. So, the statement III is also correct.

Hence, the correct answer is option (a).

99. **Answer: (B)**

Exogenous: originating from outside; derived externally

Dissipation: dispersion; disintegration

Endogenous: proceeding from within; derived internally

Omnipotent: having unlimited power and able to do anything

Extrinsic: not essential or inherent; not a basic part or quality

Indigenous: originating in and characteristic of a particular region or country

Among the given options, the word 'endogenous' has the opposite meaning to the word 'exogenous'. So, the two words can be used as antonyms of each other.

Hence, the correct answer is option (b).

100. **Answer: (E)**

Looking back: Looking in a backward or retrospective manner; Casting one's mind to the past

Among the given options, 'thinking of or remembering what has happened in the past' accurately represents the meaning of the phrase 'looking back'.

Hence, the correct answer is option (e).