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SBI Clerk Pre

Solution

SBP-909I84084-E



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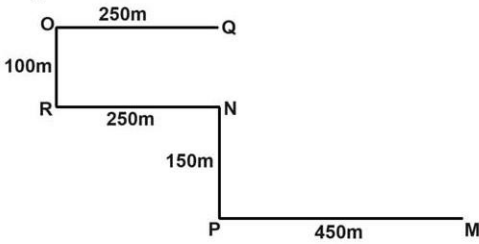
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Reasoning Ability

1. **Answer: (D)**
Given word: FASTRACKS
ST and AF are two such pairs, which have as many letters between them as in English alphabetical series.
2. **Answer: (C)**
Starting Point: Here, we can start with the direct clues related to E, A and C in order to solve the puzzle.
Direct clues:
1) E is 9 years old
2) The number of items with A is 5 times the age of E.
3) C has 10 items.
- | Person | Age | Number of Items |
|--------|-----|-----------------|
| E | 9 | |
| C | | 10 |
| A | | 45 |
- Clues:**
1) Age of D is a prime number.
2) The number of items with B is 2 times the number of items with E.
3) The number of items with D is 6 less than the 2 times the age of F.
- Inferences:**
From clue 1, the age of D is either 7 years, 11 years or 13 years.
From clue 2, B either has 30 or 40 items and E either has 15 or 20 items.
From clue 3, the age of F is 13 years and the number of items with D is 20. The age of D is either 7 years or 11 years.
The number of items with B is 30 and the number of items with E is 15. F has 40 items.
- | Person | Age | Number of Items |
|--------|------|-----------------|
| E | 9 | 15 |
| C | | 10 |
| A | | 45 |
| D | 7/11 | 20 |
| B | | 30 |
| F | 13 | 40 |
- Clues:**
1) The age of C is half of the age of B.
2) The age of A is more than the age of D.
- Inferences:**
From clue 1, the age of C is 6 years and the age of B is 12 years.
From clue 2, the age of A is 11 years and the age of D is 7 years.
Therefore, the final arrangement is as follow:
- | Person | Age | Number of Items |
|--------|-----|-----------------|
| E | 9 | 15 |
| C | 6 | 10 |
| A | 11 | 45 |
| D | 7 | 20 |
| B | 12 | 30 |
| F | 13 | 40 |
- A is 11 years old.
3. **Answer: (D)**
Four persons are older than D.
4. **Answer: (D)**
E has 3 items more than the age of B.
5. **Answer: (C)**
The number of items with F is 4 more than the 3 times the age of B.
6. **Answer: (D)**
Option 'A' Age of C is 3 years less than the age of E.

- Option 'B' Age of C is 5 years less than the age of A.
Option 'C' Age of C is 6 years less than the age of B.
Option 'D' Age of C is 7 years less than the age of F.
7. **Answer: (D)**
From the above information, we make the following diagram:



- Q is 250m to the north of P.
8. **Answer: (A)**
In all the options, except in option 'A', the first store is to the northwest of the second store.
9. **Answer: (B)**
Starting Point: Start with the direct clues in order to create no cases initially.
Direct Clue:
1) L plays Cricket.
- | Person | Game |
|--------|---------|
| L | Cricket |
- Clues:**
1) K and M play the same game.
2) Neither K nor N plays Cricket.
- Inferences:**
From clue 1 and 2, we have two cases, first, when K and M play Hockey and second, when K and M play Football.
- Case 1: When K and M play Hockey.
- | Person | Game |
|--------|---------|
| L | Cricket |
| K | Hockey |
| M | Hockey |
- Case 2: When K and M play Football.
- | Person | Game |
|--------|----------|
| L | Cricket |
| K | Football |
| M | Football |
- Clues:**
1) N and Q play the same game.
2) N doesn't play with K.
3) O plays only with one more person.
- Inferences:**
From clue 1 and 2, as N doesn't play cricket, so, in case 1, N and Q play football and in case 2, N and Q play Hockey.
- From Clue 3, in both the cases, O plays with L.
- Case 1: When K and M play Hockey.
- | Person | Game |
|--------|----------|
| L | Cricket |
| K | Hockey |
| M | Hockey |
| N | Football |
| Q | Football |
| O | Cricket |
- Case 2: When K and M play Football.
- | Person | Game |
|--------|----------|
| L | Cricket |
| K | Football |
| M | Football |

N	Hockey
Q	Hockey
O	Cricket

Clues:

- 1) P and R play the same game but not Hockey.
- 2) R doesn't play with Q.

Inferences:

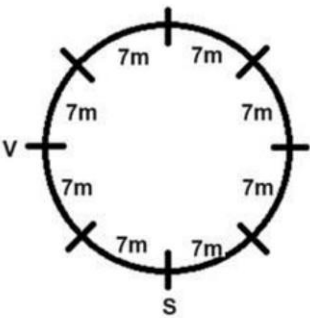
From clue 1, in both the cases, P and R play football.
From clue 2, case 1 gets eliminated. In case 2, J plays Hockey.

The final arrangement is as follows:

Person	Game
L	Cricket
K	Football
M	Football
N	Hockey
Q	Hockey
O	Cricket
P	Football
R	Football
J	Hockey

Maximum numbers of persons play Football.

10. Answer: (B)
Among the given options, J plays with N.
11. Answer: (C)
J and N play Hockey.
12. Answer: (D)
Among the above options, only K plays Football.
13. Answer: (D)
L plays only with O.
14. Answer: (A)
We have:
G D F B K U Y M A L E K U W A E K T M Q B E Z
I P W S T V
Thus, only three such consonants are possible = Y, K & P
15. Answer: (C)
We have:
G D F B K U Y M A L E K U W A E K T M Q B E Z I
P W S T V
Element fifth to left of twelfth from right end = (12 + 5) = 17th from right end.
Thus, required element = U
16. Answer: (B)
After dropping all vowels and rearranging remaining alphabets we get:
B B D F G K K K L M M P Q S T T V W W Y Z
Thus, thirteenth element from left end = Q
17. Answer: (A)
Starting Point:
Circumference of the circle is divided into 8 equal parts to get the distance between two adjacent persons i.e., $56 \div 8 = 7\text{m}$. So, the distance between two adjacent persons is 7m.
Now, start with placing V and S to form least possible cases.
- Clues:
1) V sits 14m away to the left of S.
- Inferences:
From clue 1, V sits 2nd to the left of S.

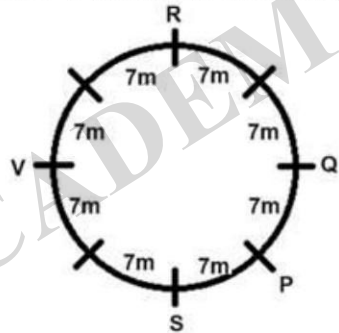


Clues:

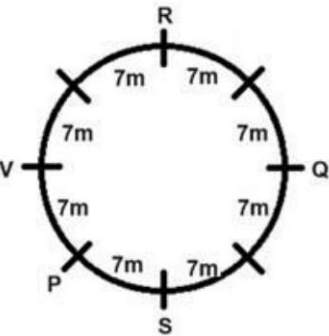
- 1) Distance between P and R is 35m.
- 2) P sits adjacent to S.
- 3) Q sits 14m away to the left of R.

Inferences:

From clue 2, we have two cases, first, when P sits immediate right of S and second, when P sits immediate left of S.
From clue 1 and 3, in case 1, R sits 5th to the left of P and in case 2, R sits 5th to the right of P.
Case 1: When P sits immediate right of S.



Case 2: When P sits immediate left of S.

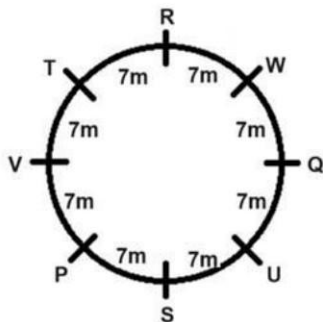


Clues:

- 1) Distance between R and U is more than 7m (from both sides).
- 2) T sits 28m away to the right of U.
- 3) W doesn't sit adjacent to V.

Inferences:

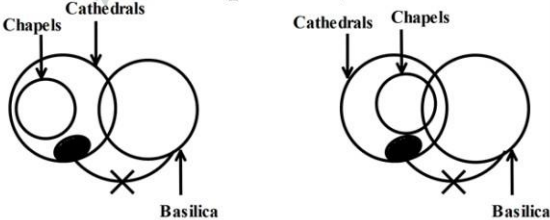
From clue 1, in case 1, U sits immediate left of S and in case 2, U sits immediate right of S.
From clue 2 and 3, case 1 gets eliminated. In case 2, T sits immediate right of R and W sits immediate left of R.
The final arrangement is as follows:



Distance between R and W is 49m, when counted from the left of W.

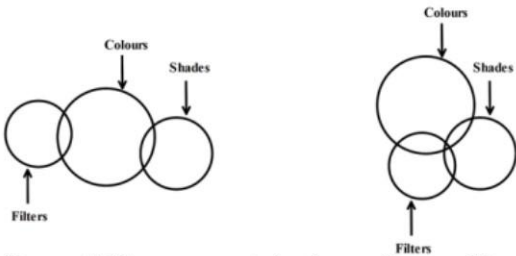
- 18. Answer: (D)
Q sits 3rd to the left of T.
- 19. Answer: (A)
In all the pairs given in the options, first person is third to the right of the second person, except for the pair given in option 'A'.
- 20. Answer: (D)
P sits 42m away to the left from the one, who sits immediate left of V.
- 21. Answer: (B)
Among the above options, the distance between T and Q is 21m.
- 22. Answer: (B)
Given statement is: P ≥ G = V < F ≤ Y; X ≤ V = E
P ≥ G = V ≥ X
X ≤ P
So, conclusion I follows.
E = V < F ≤ Y
Y > E
So, conclusion II follows.
Thus, both conclusions I and II follow.
- 23. Answer: (D)
By combining the given statements, we get
S ≤ T < U = V < Y ≤ X = W
From the above statement,
Conclusion I, X > S, follows.
Conclusion II, V < W, follows. Hence, option d.
- 24. Answer: (B)
The given statements are,
All chapels are cathedrals. Only a few cathedrals are basilica.

The basic minimum overlapping diagram and another possible diagrams are,



Here, some cathedrals are chapels, some chapels can be basilica and all basilica are not chapels. Hence, conclusions I and II follow and conclusion III does not follow.

- 25. Answer: (D)
The given statements are,
Some shades are colours. Some filters are colours.
The basic minimum overlapping diagram and another possible diagram are,



Here, all filters are not shades and some filters can be shades. Hence, both conclusions do not follow.

- 26. Answer: (D)
Starting Point: Start with Fi, Bi and Ei to form the least possible cases.
Clues:
1) Fi's seat is third to the left of Bi's seat.
2) Only one person sits between Fi and Ei, who sits to the left of Fi.
3) Bi does not sit at the extreme end of the row.
Inferences:
From clues 1 and 2, we have two cases. First, when Fi sits third from the extreme left end. Second, when Fi sits fourth from the extreme left end.
From clues 2 and 3, in case 1, Ei's seat is second to the left of Fi's seat. In case 2, Ei's seat is either second to the left or third to the left of Fi's seat.
Case 1: When Fi's seat is third from the extreme left end.

Table with 6 columns: Person, Ei, Fi, Bi, and two empty cells.

Case 2.a: When Fi's seat is fourth from the extreme left end and Ei's seat is second to the left of Fi's seat.

Table with 6 columns: Person, Ei, Fi, Bi, and two empty cells.

Case 2.b: When Fi's seat is fourth from the extreme left end and Ei's seat is third to the left of Fi's seat.

Table with 6 columns: Person, Ei, Fi, Bi, and two empty cells.

- Clues:
1) Ci sits adjacent to the vacant seat.
2) The vacant seat is not at the extreme end of the row.
3) Neither Bi nor Ei sits adjacent to the vacant seat.
Inferences:
From clues 2 and 3, in case 1 and 2.a, the vacant seat is immediate right of F's seat. In case 2.b, the vacant seat is immediate left of Fi's seat.
From clue 1, in case 1 and 2.a Ci sits immediate left of Bi's seat. In case 2.b, Ci sits immediately to the right of Ei's seat.

Case 1: When F's seat is third from the extreme left end.

Table with 6 columns: Person, Ei, Fi, Vacant, Ci, Bi, and one empty cell.

Case 2.a: When Fi's seat is fourth from the extreme left end and Ei's seat is second to the left of Fi's seat.

Table with 6 columns: Person, Ei, Fi, Vacant, Ci, Bi, and one empty cell.

Case 2.b: When Fi's seat is fourth from the extreme left end and Ei's seat is third to the left of Fi's seat.

Table with 6 columns: Person, Ei, Ci, Vacant, Fi, Bi, and one empty cell.

- Clues:
1) Ai's seat is immediate left of Gi's seat.
2) Di doesn't sit second to the left of the vacant seat.
Inferences:

From clue 1, case 2.a gets eliminated as we can't place Ai and Gi. In case 1, Gi sits at the extreme right end of the row. In case 2.b Gi sits immediate left of Bi. From clue 2, case 1 gets eliminated. In case 2.b, Di sits at the extreme right end of the row. Therefore, the final arrangement is as follow:

Table with 9 columns: Person, Ei, Ci, Vacant, Fi, Ai, Gi, Bi, Di

Di's seat is fifth to the right of the vacant seat.

- 27. Answer: (B) Two persons sit between Ei and Ai.
- 28. Answer: (C) Four persons sit to the left of Gi.
- 29. Answer: (D) Among the given options only Ci sits adjacent to a vacant seat.
- 30. Answer: (A) Ai's seat is third to the right of Ci's seat, who sits on the second seat to the left of Fi's seat.
- 31. Answer: (D) Starting Point: Start with A, F and the shelf, which has Spikes to form least possible cases.

Clues: 1) Only three shelves are between A and F, which has Shoes. 2) The shelf, which has Spikes, is two shelves below F. 3) A is a prime numbered shelf but not below 3rd shelf. Inferences: From clue 1, either A is four shelves above F or F is four shelves above A. From clue 1, 2 and 3, we have two cases, first, when A is 3rd shelf and second, when A is 7th shelf. From clue 2, in case 1, 5th shelf has Spikes and in case 2, 1st shelf has Spikes.

Case 1: When A is the 3rd shelf.

Table with 3 columns: Number, Shelf, Item. Case 1: A is 3rd shelf.

Case 2: When A is the 7th shelf.

Table with 3 columns: Number, Shelf, Item. Case 2: A is 7th shelf.

Clues: 1) Number of shelves above A is two less than the number of shelves below C, which has Torches. 2) G is just above E, which has Jackets. 3) H is above G but not just above G. Inferences: From clue 1, in case 1, C is 8th shelf and in case 2, C is 4th shelf. From clue 2 and 3, in case 1, E is 1st shelf and in case 2, E is 5th shelf.

In case 1, H is 4th or 5th or 6th shelf and in case 2, H is 8th shelf.

Case 1: When A is 3rd shelf.

Table with 3 columns: Number, Shelf, Item. Case 1: A is 3rd shelf.

Case 2: When A is 7th shelf.

Table with 3 columns: Number, Shelf, Item. Case 2: A is 7th shelf.

Clues: 1) The shelf, which has Multi tools, is just above D. 2) H has neither Multi tools nor Sticks. Inferences: From clue 1, in case 1, D is 5th shelf and H is either 6th or 4th shelf. In case 2, D is 1st shelf. From clue 2, in case 1, H is 4th shelf and B is 6th shelf. In case 2, B is 2nd shelf.

Case 1: When A is 3rd shelf.

Table with 3 columns: Number, Shelf, Item. Case 1: A is 3rd shelf.

Case 2: When A is 7th shelf.

Table with 3 columns: Number, Shelf, Item. Case 2: A is 7th shelf.

Clues: 1) The shelf, which has Gloves, is a prime numbered shelf and is just below the shelf, which has Sticks. Inferences: From clue 1, case 2 gets eliminated as we cannot place the Gloves in a prime numbered shelf. From clue 1, in case 1, G has Gloves, A has Sticks and H has Caps. The final arrangement is as follows:

Table with 3 columns: Number, Shelf, Item. Final arrangement.

3	A	Sticks
2	G	Gloves
1	E	Jackets

4th shelf has Caps.

32. **Answer: (B)**
Two shelves are between shelf A and shelf B.
33. **Answer: (C)**
The shelf, which has Multi tools, is four shelves above the shelf, which has Gloves.
34. **Answer: (D)**
All the gives shelves are odd numbered shelves except the shelf given in option 'E'.
35. **Answer: (A)**
Shelf A has Sticks.

Quantitative Aptitude

36. **Answer: (B)**
We know that,
Area of a square = side²
Therefore, side of the square = $\sqrt{196} = 14$ cm
Therefore, radius of the circle = 14 cm
Therefore, side of the new square = diameter of the circle = $2 \times 14 = 28$ cm
Required area of the square = $28^2 = 784$ cm²
37. **Answer: (B)**
Monthly income of 'B' = $(8000/0.25) = ₹32,000$
So, monthly income of 'A' = $(3/4) \times 32000 = ₹24,000$
Savings of 'A' = $0.20 \times 24000 = ₹4,800$
38. **Answer: (A)**
(I) $x^2 - 20x + 96 = 0$
 $\Rightarrow x^2 - 12x - 8x + 96 = 0$
 $\Rightarrow (x - 8)(x - 12) = 0$
 $\Rightarrow x = 8$ or 12
(II) $y^2 - 31y + 228 = 0$
 $\Rightarrow y^2 - 19y - 12y + 228 = 0$
 $\Rightarrow (y - 12)(y - 19) = 0$
 $\Rightarrow y = 12$ or 19
When $x = 8$, and $y = 12$, then $x < y$
When $x = 8$, and $y = 19$, then $x < y$
When $x = 12$, and $y = 12$, then $x = y$
When $x = 12$, and $y = 19$, then $x < y$
Hence, $x \leq y$
39. **Answer: (D)**
I:
 $2x + 13 = 7/x$
 $2x^2 + 13x = 7$
 $2x^2 + 13x - 7 = 0$
 $(2x - 1)(x + 7) = 0$
 $x = -7$ and $1/2$
II:
 $3y^2 - 5y + 2 = 0$
 $(3y - 2)(y - 1) = 0$
 $y = 2/3$ and 1
- | Value of 'x' | Relationship | Value of 'y' |
|--------------|--------------|--------------|
| -7 | < | 2/3 |
| -7 | < | 1 |
| 1/2 | < | 2/3 |
| 1/2 | < | 1 |
- Hence, $x < y$.
40. **Answer: (B)**
 35.68% of $1500.21 + 12.15\%$ of $199.87 = ?$
Or, 36% of $1500 + 12\%$ of $200 \sim ?$
Or, $540 + 24 \sim ?$
Or, $? \sim 564$
41. **Answer: (B)**
 $(19.88\%$ of $719.87) \div 8.12 + (15.87)^2 - (1.95)^5 = ?$

Or, $(20\%$ of $720) \div 8 + 16^2 - 2^5 \sim ?$
Or, $(0.20 \times 720) \div 8 + 256 - 32 \sim ?$
Or, $(144/8) + 224 \sim ?$
Or, $18 + 224 \sim ?$
Or, $? \sim 242$

42. **Answer: (B)**
For BSNL:
Total number of sim cards sold = 15% of $48000 = 0.15 \times 48000 = 7,200$
Number of prepaid sim cards sold = $4,200$
So, number of postpaid sim cards sold = $7200 - 4200 = 3,000$
Similarly,

Company	Total number of sim cards sold	Number of prepaid sim cards sold	Number of postpaid sim cards sold
BSNL	7200	4200	3000
Vodafone	9600	6000	3600
Airtel	12000	7500	4500
MTNL	4800	3300	1500
Jio	14400	8400	6000

- Number of postpaid sim cards sold by MTNL = 1500
43. **Answer: (D)**
Required percentage = $[6000/9600] \times 100 = 62.5\%$
44. **Answer: (D)**
Required ratio = $4500:14400 = 5:16$
45. **Answer: (B)**
Required number of sim cards = $0.80 \times 4200 = 3360$
46. **Answer: (B)**
Required revenue = $800 \times 6000 = ₹48,00,000$
47. **Answer: (D)**
Required revenue = 40% of $4500 = 20\%$ of $9000 = 0.20 \times 9000 = 1800$
48. **Answer: (D)**
 40% of $100 + 27 \div 3^2 = ?$
Or, $40 + 27 \div 9 = ?$
Or, $40 + 3 = ?$
Or, $? = 43$
49. **Answer: (D)**
 $? - (5\frac{6}{7} \div 2\frac{13}{14}) = 51$
 $? - (\frac{41}{7} \div \frac{41}{14}) = 51$
 $? - (\frac{41}{7} \times \frac{14}{41}) = 51$
 $? - 2 = 51$
So, $? = 53$
50. **Answer: (C)**
 $68 \div (25 + 81 \div 9) + ? = 8^2$
 $68 \div (25 + 9) + ? = 64$
 $68 \div 34 + ? = 64$
 $2 + ? = 64$
So, $? = 62$
51. **Answer: (B)**
 37.5% of $640 + 1680 \div 21 = ? \times 16$
 $240 + 80 = ? \times 16$
 $? = 320 \div 16$
 $? = 20$
52. **Answer: (D)**
 $25 + 15 \times 17 - 117 = ? + 73$
Or, $25 + 255 - 117 = ? + 73$
Or, $280 - 117 - 73 = ?$
Or, $? = 90$
53. **Answer: (C)**
 80% of $250 \div 10 + 17 \times 9 = ?$

- Or, $200 \div 10 + 153 = ?$
Or, $? = 173$
54. **Answer: (D)**
 $\sqrt{144} - \sqrt{81} + 121 = ? \times 4$
 $(12 - 9 + 121) = ? \times 4$
 $124 = ? \times 4$
Hence, $? = 31$
55. **Answer: (A)**
 $? \times 2 = 630 \div 45 + \sqrt{196}$
 $? \times 2 = 14 + 14$
 $? \times 2 = 28$
 $? = 14$
56. **Answer: (D)**
 $35 + 15 = 50$
 $50 - 14 = 36$
 $36 + 13 = 49$
 $49 - 12 = 37$
 $37 + 11 = 48$
Therefore, 48 should come in place of 47.
57. **Answer: (D)**
Pattern of the series -
 $1 \times 1 + 1 = 2$
 $2 \times 2 + 2 = 6$
 $3 \times 3 + 3 = 12$
 $4 \times 4 + 4 = 20$
 $5 \times 5 + 5 = 30$
 $6 \times 6 + 6 = 42$
40 is the wrong number in the series.
58. **Answer: (A)**
Pattern of the series -
 $28 + 10 = 38$
 $38 - 16 = 22$
 $22 + 10 = 32$
 $32 - 16 = 16$
 $16 + 10 = 26$
24 is the wrong number in the series.
59. **Answer: (B)**
 $24 + 0.5 = 24.5$
 $24.5 + 1 = 25.5$
 $25.5 + 1.5 = 27$
 $27 + 2 = 29$
 $29 + 2.5 = 31.5$
Hence, wrong term = 29.5
60. **Answer: (B)**
Let the speed of faster car and slower car be $9x$ km/hr and $5x$ km/hr, respectively
Also, speed of slower car = $(480/6.4) = 75$ km/hr
Therefore, speed of faster car = $75 \times (9/5) = 135$ km/hr
Required time taken = $(540/135) = 4$ hours
61. **Answer: (A)**
Let, total work be LCM (4, 4.8, 6) = 24 units [because, $4.8 = (24/5)$]
So, combined efficiency of 'A', 'B', and 'C' = $(24/4)$ = 6 units/day
Similarly,
Combined efficiency of 'A' and 'B' = 5 units/day
Combined efficiency of 'B' and 'C' = 4 units/day
So, efficiency of 'C' = $6 - 5 = 1$ units/day
Therefore, efficiency of 'B' = $4 - 1 = 3$ units/day
So, time taken by 'B' alone to finish the work = $(24/3) = 8$ days.
62. **Answer: (C)**
Let present age of Siya = $3x$ years and present age of Nitin = $7x$ years
 $\Rightarrow (3x - 7) = 1/3 \times (7x - 7)$
 $\Rightarrow 9x - 21 = 7x - 7$
 $\Rightarrow 2x = 14$
 $\Rightarrow x = 7$
So, the age of Nitin after four years = $7 \times 7 + 4 = 53$ years
63. **Answer: (E)**
Let the cost price of the article for Ginni be ₹ x
Therefore, marked price of the article = $x + 400\%$ of $x = ₹5x$
Selling price of the article = $0.75 \times 5x = ₹3.75x$
According to the question,
 $3.75x - x = 2.75x = 990$
Or, $x = (990/2.75) = 360$
Therefore, discount offered by Ginni = $5x - 3.75x = 1.25x = 1.25 \times 360 = ₹450$
64. **Answer: (C)**
Let downstream speed of boat M and N is m km/h and n km/h
So, $1.2m = 1.2n - 58.8$
 $\Rightarrow 1.2(m - n) = 58.8$
 $\Rightarrow m - n = 58.8/1.2$
 $\Rightarrow m - n = 49$
Now, speed of boat N in still water = $(n - 2)$ km/h
And, upstream speed of boat M = $(m - 2 - 2) = (m - 4)$ km/h
So, required distance = $(m - 4) \times 0.4 - (n - 2) \times 0.4 = (m - 4 - n + 2) \times 0.4 = (m - n) \times 0.4 - 2 \times 0.4 = 49 \times 0.4 - 0.8 = 18.8$ km
65. **Answer: (A)**
Let initial quantity of liquid N in the mixture = n
 $(75+15)/(n+24) = 5:3$
 $225 + 45 = 5n + 120$
 $5n = 150$
 $n = 30$
So, initial quantity of liquid N in the mixture = 30L
66. **Answer: (C)**
Total number of people = $575 \times 200/(32 + 14) = 2500$
Total number of people who visited in place A = $2500 \times 32/100 = 800$
Total number of people who visited in place C = 300
Total number of people who visited in place F = $300 \times 120/100 = 360$
Similarly, we get-
- | Place | Total number of people |
|-------|------------------------|
| A | 800 |
| B | 350 |
| C | 300 |
| D | 450 |
| E | 600 |
| F | 360 |
- Percentage of people who visited place D = 18%
Percentage of people who visited place A = 32%
Required percentage = $(18/32) \times 100 = 56.25\%$
67. **Answer: (D)**
Percentage of people who visited place A = 32%
Percentage of people who visited place C and D together = $12 + 18 = 30\%$
Required ratio = $32:30 = 16:15$
68. **Answer: (D)**
Number of people who visited place D, E and F together = $450 + 600 + 360 = 1410$
Required average = $1410/3 = 470$
69. **Answer: (A)**
Number of people who visited place E on Sunday = 600
Number of people who visited place E on Monday = $600 \times 100/240 = 250$
Number of people who visited place E and F on Monday together = $250 \times 9/5 = 450$

70. **Answer: (C)**
 Number of people who visited place C = 300
 Number of people who visited place D = 450
 Required difference = 450 - 300 = 150

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71. **Answer: (A)**
 Option (b) is negated as 'for' refers to a period of time and not a point in time. In the given sentence, 'for' should be replaced by 'since'.
 Option (c) is negated because the article 'the' is always used before the superlative degree, which is not the case here.
 Option (d) is incorrect because, for a compound noun, the possessive case is formed by adding 's to the last word, which is not the case here.
 Option (a) does not contain any error. Hence, (a) is the correct answer.
72. **Answer: (A)**
 'Incentive' is a noun which means a thing that motivates or encourages someone to do something. The word 'incentive' forms a grammatically and contextually correct sentence when used in sentence II and sentence III. However, a verb in its base form is required in the sentence I, after the infinitive marker 'to'. So, II and III are correct. Hence, option (a) is the suitable choice.
73. **Answer: (C)**
 The error is in (c). The usage of singular auxiliary verb 'has' to refer to the plural noun 'researchers' makes the sentence incorrect; 'has' should instead be replaced with 'have' in order to follow the subject-verb-agreement rule. Option (c) is the correct answer.
74. **Answer: (D)**
 A kiosk is a small building or structure from which people can buy things such as sandwiches or newspapers through an open window. The use of 'kiosk' in sentences I and III is correct. However, in sentence II 'kiosk' should be replaced with 'chaos' (complete disorder or confusion) to make a meaningful sentence. So, I and III are correct. Hence, option (d) is the correct choice.
75. **Answer: (D)**
 The sentence tells us how two officers arrived (reached) in a car and were given (provided) the details (specifics) of what had happened (occurred). All the words are correctly spelled and contextually apt. Thus, D is the right answer.
76. **Answer: (D)**
 The sentence is grammatically correct and free of error. Thus, D is the right answer.
77. **Answer: (D)**
 The sentence is grammatically correct and free of error. Thus, D is the right answer.
78. **Answer: (B)**
 The word (D) is wrongly spelt.
 The correct spelling is 'restaurant', which means 'a place where people pay to sit and eat meals that are cooked and served on the premises'.
The correct sentence is: Your mother was clearly not impressed by our behaviour in the **restaurant**.
 Hence, option (b) is the answer.
79. **Answer: (B)**
 The highlighted part is incorrect as suggested by the use of 'largest' which is a superlative adjective and

needs to be replaced by an adverb to modify the verb 'influenced' mentioned in the given sentence. So, this eliminates option d) also, 'large' which is an adjective is used to modify the verb 'influenced' in the given sentence. In option a) use of the plural auxiliary verb 'have' is incorrect as it refers to the singular noun 'pattern' which will take a singular verb after it i.e. 'has'. In option c) the use of the base form of verb or the noun 'influence' is incorrect as 'has been' either follows a present participle or a past participle and here a past participle is required owing to the usage of 'by'. Hence, the answer is option b).

80. **Answer: (D)**
 All the highlighted words are correct.
 Hence, option (d) is the correct answer.
81. **Answer: (A)**
 The sentence tells us how deep, garbled words were gushing out from the old woman's mouth. COMING OUT (being released) can be replaced with ISSUING to convey the same meaning. Thus, A is the right answer.
 Falling - collapsing. Helping - aiding. Noticed - saw; observed. Fast (adj.) - rapid; quick.
82. **Answer: (C)**
 The sentence seeks to convey that she gave Mr. Dowley all the details (information) and he promised (vowed) to take authority of the matter (issue). CHANGE (modify) is contextually inapt here, and should be replaced with CHARGE (control). Thus, C is the right answer.
83. **Answer: (D)**
 The statement talks about polling in local elections. The first blank is a verb that takes the preposition 'up' after it. Only options 2 and 3 fulfil this requirement. 'Coughed up' is a slang which means to pay or hand over something. Therefore, this is not appropriate in this context (as people are not paying up to cast their vote). Thus, only 2 is correct.
 The second blank is a verb (in base form) and takes the preposition 'with' after it. Only options 4 and 5 fulfil these requirements. But 'there was interact with the people' is not grammatically correct (the noun 'interaction' should be used in place of 'interact'). Therefore, 5 is the correct option.
 Thus, (d) is the correct answer.
84. **Answer: (A)**
 'At' is used to indicate a point or place occupied in space. 'To' denotes relationship. 'On' denotes supported by, fixed to or touching something, especially a surface. 'Of' denotes belonging to, connected with, or part of something/somebody. 'Over' denotes covering something. Here, a particular point of place is referred to. So, 'at' is the correct preposition here.
 Hence, option (a) is correct.
85. **Answer: (D)**
 An action/reaction is required by the emperor of China after listening to the stories of Marco Polo. 'Enjoyed' is the only correct verb here to describe his reaction. The rest of the options do not align with the given context. 'Flared' means becoming wider towards the bottom.
 Hence, option (d) is correct.
86. **Answer: (D)**
 'Haggard' [adjective/verb] means tired.
 'Quintessentially' [adverb] means being the perfect

example of something. 'Manoeuvre' [noun/verb] means a movement that needs care or skill. 'Diplomatic' [adjective] means skilful at dealing with people or to control a difficult situation. 'Manipulated' means influencing somebody so that he/she does or thinks what you want. An adjective is required in this blank to qualify the type of mission on which he was sent. As mentioned earlier in the passage, he liked Marco Polo and his stories so 'diplomatic' is the correct choice by which the emperor can use his skills. The remaining adjectives don't give out this meaning.

Hence, option (d) is correct.

87. **Answer: (B)**

'Called on' means making use of someone or something as a source of help. 'Talked about' means to say words in order to express one's thoughts, feelings, opinions, etc. 'Talked over' means to review something. 'Put up' means display a notice, sign, or poster. 'Called over' means to read out a list of names to determine those present. Earlier it is mentioned in the passage that Marco Polo told his stories to the emperor then he was made governor. 'Few believed his stories' shows that he expressed his thoughts and stories with them too. So, 'talked about' is the right choice.

Hence, option (b) is correct.

88. **Answer: (A)**

It is mentioned in the next sentence of the paragraph that another man wrote the stories of Marco Polo, so he hadn't written them himself. So, option (e) is eliminated. Action is required by Marco Polo to describe his stories in the past tense as the general tense used in the passage is past tense. 'Dictated' is the correct word to describe what he used to tell. And the other person just wrote them down. 'Famished' means very hungry. The other options are unrelated to the context.

Hence, option (a) is correct.

89. **Answer: (B)**

'Generally' and 'particularly' are the adverbs but an adjective is required here to qualify the noun 'region'. 'Detailing' is a verb while 'reference' is a noun. 'Specific' is the only adjective here to be used to represent a particular region of China.

Hence, option (b) is correct.

90. **Answer: (C)**

The correct order is EBACD. 'E' is the introductory sentence as it introduces the subject sea grasses discussed in the remaining sentences. 'E' is followed by 'B' which talks about where these grasses are mostly found. 'B' is followed by 'A' which talks about number of sea grass species all over the world. 'A' is followed by 'C' and 'D' as sentence 'C' talks about the function of sea grass i.e. its meadows clean the water. 'C' is followed by 'D' as it talks about many other ways in which sea grass is useful. Hence, the answer is option c).

91. **Answer: (D)**

EBADC is the final order. E begins the sentence by establishing the subject - she. B tells us that she opened the door. AD follows as a pair by telling us what she saw - a dim room. C ends the sentence by giving more information about the room - it had a small skylight. Thus, D is the right answer.

92. **Answer: (D)**

EACBD is the correct sequence of the parts of the sentence. E begins the sentence by establishing the subject of the sentence - A PROJECT IN CORNWALL. ACB are consecutive parts, and they appear in the sentence in the same order after E. Together, they tell us that the project is helping farmers reduce their damaging impact on the environment. D follows B and concludes the sentence by telling us that the farmers are doing so by lowering their carbon footprints. Thus, D is the right answer.

93. **Answer: (A)**

Refer to the lines: "From its rich culture and history, dynamic cities and scenic landscapes to its beautiful coastline, Wales has so much to offer as a holiday destination. I still remember the big smile on my son's face when he finally managed to pull out a gigantic crab after hours of crab fishing in Aberystwyth." Thus, A is the right answer.

The other options are not true as per the passage.

94. **Answer: (D)**

Refer to the lines: "Wales is one of the only two countries in the world that has a dragon on its national flag - believed to possibly be the oldest flag still in use, the other being Bhutan." Thus, D is the right answer.

The other options are not true as per the passage.

95. **Answer: (C)**

Refer to the lines: " Britain's cultural attractions are the top visiting motivation for international tourists, followed by the variety of places on offer. Unlike, for instance, London - with Big Ben, the Tower of London and the British Museum among other landmarks - or Scotland - with Edinburgh, the Highlands and the Loch Ness monster - Wales is less well known, due to its lack of distinctive features that are exclusive to it." These lines mention that Big Ben is in England, not Scotland. Thus, C is the right answer.

The other options are not true as per the passage.

96. **Answer: (B)**

Refer to the lines: "Following the success of fantasy and adventure movies and TV series, such as Harry Potter and Fantastic Beasts, Game of Thrones and the Lord of the Rings, many places have been put on the map. And these are bankable connections - just think how enthusiastically New Zealand draws on its connection to J.R.R. Tolkien's Middle-Earth. Tourist numbers shot up 40% in the five years after the first Lord of the Rings film and the franchise continues to be a huge draw. In fact, tourism around The Hobbit Trilogy accounted for US\$772 million of international tourist receipts (≤628 million) between 2013 and 2014." Thus, B is the right answer.

A, D and E are incorrect as the passage does not say that they were shot in New Zealand. C is incorrect as the passage mentions that it was shot in Wales.

97. **Answer: (C)**

Refer to the lines: "Also, creative theme parks or organised tourism activities could refer to popular movies or TV series. For example, the BBC series Merlin was partly filmed in Wales in spots including the Brecon Beacons National Park, Castell Coch, Caerphilly and Chepstow Castle. The show could be used to appeal to children and families through offerings such as magic workshops and potion lessons in these locations." Thus, C is the right answer.

The other options are not true as per the passage.

98. **Answer: (A)**
Refer to the lines: "But, despite Wales' rich tourism offering, it is unlikely to attract deep-pocketed tourists from the likes of the US, China or Japan, as the country lacks a distinctive association with tourist landmarks or cultural symbols, in the mind of international tourists." Thus, A is the right answer.
The other options are not true as per the passage.
99. **Answer: (C)**

100. **Answer: (D)**
UNIQUE means uncommon or not easily found. RARE is its synonym. Thus, C is the right answer.
Small - tiny. Legal - allowed by law. Whole - complete. Meek - shy; timid.
- Answer: (D)**
ATTRACT means to lure or draw. REPEL (drive away) is its antonym. Thus, D is the right answer.
Opt - choose. Plunge - dive. Hate - dislike. Scold - rebuke.

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