

IBPS PO SPECIAL PHASE - I - 212 (SOLUTION)

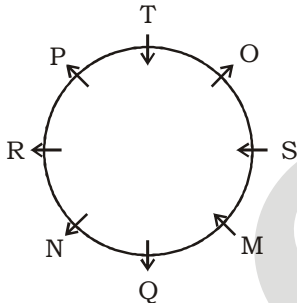
REASONING

(1-5):

8	W
7	Q
6	V
5	P
4	T
3	R
2	U
1	S

1. (4) 2. (1) 3. (3)
4. (2) 5. (5)

(6-10):



6. (2) 7. (3) 8. (1)
9. (3) 10. (5)

11. (4) **Given statements:**
 $P \geq V \geq L = X$... (i)
 $B > C = D \geq P$... (ii)
 Combining all the statements
 $B > C = D > P \geq V \geq L = X$
 I. $D \geq V \rightarrow$ True
 II. $C \geq X \rightarrow$ True
 III. $B > P \rightarrow$ True
 Hence, all I, II and III are true.

12. (4) **Given statements:**
 $Q > R = M$... (i)
 $M \geq L$... (ii)
 $L > S$... (iii)
 $S < V$... (iv)
 Combining all the statements,
 $Q > R = M \geq L > S < V$
 I. $M > S \rightarrow$ True
 II. $L \leq Q \rightarrow$ False

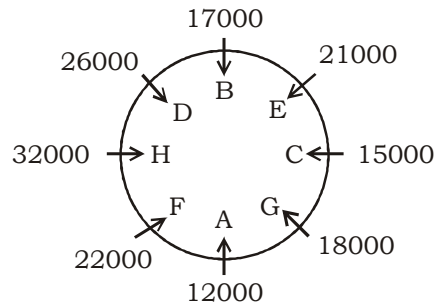
III. $V > Q \rightarrow$ False
 Hence, only conclusion I is true.

13. (2) **Given statements:**
 $L > P \geq T = N$... (i)
 $R = T < Q \leq S$... (ii)
 Combining both statements,
 $L > P \geq T = N = R = T < Q \leq S$
 I. $L < Q \rightarrow$ False
 II. $S > N \rightarrow$ True
 III. $P \geq S \rightarrow$ False
 Hence, only II is true.

14. (5) **Given statements:**
 $L = Q \geq R$... (i)
 $M = N > P$... (ii)
 $P > V = Z < R$... (iii)
 Combining all the statements,
 $M = N > P > V = Z < R \leq Q = L$
 I. $M \geq R \rightarrow$ False
 II. $V > Q \rightarrow$ False
 III. $N \leq R \rightarrow$ False
 Hence none is true.

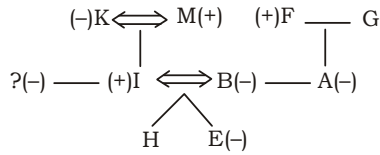
15. (3) **Given statements:**
 $T < U = R \leq N$... (i)
 $B > X \geq W$... (ii)
 $T > J = W$... (iii)
 Combining all the statements,
 $N \geq R = U > T > J = W \leq X < B$
 I. $N > J \rightarrow$ True
 II. $B < T \rightarrow$ False
 III. $U > J \rightarrow$ True
 Hence, only I and III are true.

(16-20):



16. (3) 17. (3) 18. (2)
 19. (4) 20. (2) 21. (5)
 22. (5) 23. (2) 24. (5)
 25. (1)

(26-28) : Family Tree

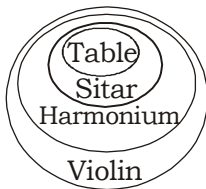


26. (4) 27. (3) 28. (5)



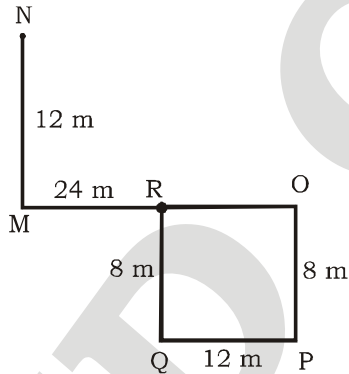
I. False II. True
III. True
Hence, Only II and III follow.

30. (1)



I. True II. True
III. True
Hence, All follow

(31-32) :



31. (4) 32. (1)

(33-35) :



33. (1)
34. (5) Fourth to the left
35. (2)

Maths

36. (2) $24 + 1^2 = 25$
 $25 - 3^2 = 16$
 $16 + 5^2 = 41$

- 41 - 7² = -8
-8 + 9² = 73
37. (3) $7 + 3 = 10$
 $10 + 6 = 16$
 $16 + 12 = 28$
 $28 + 24 = 52$
 $52 + 48 = 100$
38. (3) $9 + 2 = 11$
 $11 + 5 = 16$
 $16 + 10 = 26$
 $26 + 17 = 43$
 $43 + 26 = 69$
39. (5) $3 \times 1 + 1 = 4$
 $4 \times 2 + 2 = 10$
 $10 \times 3 + 3 = 33$
 $33 \times 4 + 4 = 136$
 $136 \times 5 + 5 = 685$
40. (3) $2 \times 1.5 = 3$
 $3 \times 2 = 6$
 $6 \times 2.5 = 16$
 $15 \times 3 = 45$
 $45 \times 3.5 = 157.5$
41. (2) Required ratio = 17150 : 12500
= 343 : 250
42. (3) Required total number of sales = 15.5 + 13.5 + 7.5 + 5.6 + 16.3 + 13.5 = 71900
43. (1) Shop P's sales = 91.4
Shop Q's sales = 65.05
Shop R's sales = 71.9
Shop S's sales = 43.8
Shop T's sales = 46.8
44. (3) Required difference = 6.3 - 5.9
= 0.4 thousands = 400
45. (3) Required total number of sales = 14.4 + 7.4 + 15.7 = 37.5 thousand = 37500
46. (2) By replacing the "?" with "X"
 $\Rightarrow 12.5 \times \frac{14}{8.75} + 42 = 50 + X$
 $\Rightarrow \frac{(125 \times 140)}{875} + 42 = 50 + X$
 $\Rightarrow \frac{140}{7} + 42 = 50 + X$
 $\Rightarrow 20 + 42 = 50 + X$
 $\Rightarrow 62 = 50 + X$
 $\Rightarrow X = 62 - 50$
 $\Rightarrow X = 12$
47. (2) $\frac{150}{100} \times 460 + \frac{24}{100} \times 650$

- $\Rightarrow 690 + 156 = 846$
48. (1) $1936 + 529 = ?^2 + 256$
 $2465 = ?^2 + 256$
 $?^2 = 2465 - 256$
 $?^2 = 2209$
 $? = 47$
49. (5) $\frac{504}{42} \times 7 - 63 + 28 = 84 - 63 + 28 = 49$
 Hence option (5) is correct
50. (2) $68 \times \sqrt{?} - 3421 = 591$
 $\Rightarrow 68 \times \sqrt{?} = 591 + 3421$
 $\Rightarrow \sqrt{?} = \frac{4012}{68}$
 $\Rightarrow \sqrt{?} = 59$
 $\Rightarrow ? = (59)^2 = 59 \times 59 = 3481$
51. (1) $(?)^2 = \frac{(400+16)}{650} \times 100 = \frac{416}{650} \times 100 = 64$
 $\therefore (?)^2 = 64;$
 $\therefore ? = 8$
52. (2) By replacing the “?” with “x”
 $\Rightarrow \frac{25 \times 14 + 1450}{18} = 1998 \div x$
 $\Rightarrow \frac{350 + 1450}{18} = \frac{1998}{x}$
 $\Rightarrow \frac{1800}{18} = \frac{1998}{x}$
 $\Rightarrow 100 = \frac{1998}{x}$
 $\Rightarrow x = \frac{1998}{100}$
 $\Rightarrow x = 19.98$
53. (2) $4\frac{3}{7} + 2\frac{1}{6} - 4\frac{1}{3} = ? - 2\frac{3}{4}$
 $? = 4\frac{3}{7} + 2\frac{1}{6} - 4\frac{1}{3} + 2\frac{3}{4}$
 $? = (4 + 2 - 4 + 2) + \frac{3}{7} + \frac{1}{6} - \frac{1}{3} + \frac{3}{4}$
 $? = (8 - 4) + \frac{36 + 14 - 28 + 63}{84}$
 $? = 4 + \frac{113 - 28}{84}$

- $? = 4 + \frac{85}{84}$
 $? = 4 + 1.01 = 5.01$
54. (3) $(?)^2 = 325 - 144 + 75 + 68$
 $= 468 - 144 = 324$
 $(?) = 18, -18$
55. (3) $534.596 + 61.472 - 496.708 = ? + 27.271$
 $596.068 - 496.708 = ? + 27.271$
 $? = 99.36 - 27.271$
 $? = 72.089$
56. (1) $\frac{23 \times 6}{2} \times x = 14076$
 $23 \times 3 \times x = 14076$
 $69 \times x = 14076$
 $= \frac{14076}{69} = 204$
57. (1) $3469 = 2025 + ?^2$
 $?^2 = 3469 - 2025$
 $?^2 = 1444$
 $? = 38$
58. (2) $264 \div \sqrt{576} + (11)^2 + 12 = (x)^2$
 $\Rightarrow \frac{264}{24} + 121 + 12 = (?) \times 2$
 $\Rightarrow 11 + 121 + 12 = (?) \times 2$
 $\Rightarrow 144 = (?) \times 2$
 $\Rightarrow (?) = 12$
59. (2) $\frac{69}{3} \times \frac{85}{100} + 10.7$
 $\Rightarrow 19.55 + 10.7 = 30.25$
60. (3) $\frac{3}{4}$ of $\frac{3}{5}$ of $\frac{2}{3}$ of $? = 3174$
 $\Rightarrow \frac{2}{3} \times \frac{3}{5} \times \frac{3}{4} \times ? = 3174$
 $\Rightarrow 3174 \times \frac{10}{3}$
 $\Rightarrow \frac{31740}{3} = 10580$
61. (1) Let the cost price of A as well as B is 100 Rs.
 Then, ATQ :
 Selling Price of A = $100 + 40 = 140$
 And Selling Price of B = $140 - (140 \times 0.2)$
 $= 140 - 28 = 112$
 Total selling price = $140 + 112 = 252$ Rs.
 Total Cost price = Rs. 200

So by taking cost price = 100 Rs.

total profit = 52 Rs.

Total profit will be Rs. 156 when cost price

$$= \left(\frac{100}{52} \right) \times 156 = \text{Rs. } 300$$

62. (2) Let the second & third numbers are $2x$ & $3x$ respectively.

ATQ,

$$5x \times 6x = 4320$$

$$30x^2 = 4320$$

$$x^2 = 144$$

$$x = 12$$

Hence, second number = $5x = 5 \times 12 = 60$

Third number = $6x = 6 \times 12 = 72$

$$\text{Ratio of first \& second number} = \frac{3}{4}$$

$$\text{Hence, first number} = \frac{3}{4} \times 60 = 45$$

$$\text{Sum of these 3 numbers} = 60 + 72 + 45 = 177$$

63. (4) Let the speed of boat in still water is ' x ' km/hr & that of stream is ' y ' km/hr.

Then,

ATQ

$$\Rightarrow \frac{(x+y)}{y} = \frac{9}{1}$$

$$\Rightarrow 9y = x + y$$

$$\Rightarrow x = 8y$$

$$\Rightarrow y = 3 \text{ km/hr}$$

So, $x = 24 \text{ km/hr}$

Upstream speed = $24 - 3 = 21 \text{ km/hr}$

Hence, distance travelled upstream in 5 hours = $21 \times 5 = 105 \text{ km}$

64. (1) $[(X + 1400) \times 8 \times 2/100] - [(X \times 8 \times 1)/100] = 240$

$$\Rightarrow 0.16X + 14 \times 16 - 0.08X = 240$$

$$\Rightarrow 0.08X = 240 - 224$$

$$\Rightarrow 0.08X = 16$$

$$\Rightarrow X = 200 \text{ Rs.}$$

65. (4) Let the present ages of A & B to be ' a ' & ' b ' respectively.

Hence, 2 years ago, their ages must have been $(a - 2)$ & $(b - 2)$ respectively.

Average of their ages at that time = 26

Hence,

$$[(a - 2) + (b - 2)]/2 = 26$$

$$(a - 2) + (b - 2) = 52$$

$$a + b = 56$$

Age of A, 5 year hence = 40 years

Hence, $(a + 5) = 40$

$a = 35$ years

Hence, $b = 56 - 35 = 21$ years

$B = (C - 5)$

Hence, $C = 21 + 5 = 26$ years

Age difference between A & C = $35 - 26$

= 9 years

66. (4) $X + Y + Z = 24 \times 3 = 72$

$X : Y = 2 : 3$ (Given)

Let ' X ' to be $2a$ & ' Y ' to be $3a$

$X + Y = 60$ (Given)

$$2a + 3a = 60$$

$$5a = 60$$

$$a = 12$$

Hence, $X = 24$ & $Y = 36$

From equation(1)

$$Z = 72 - 60$$

$$Z = 12$$

Hence, $X - Z = 24 - 12 = 12$

67. (1) The area of a square = 1225 cm^2

Let the side of the square = $a \text{ cm}$

Hence, $a^2 = 1225$

$$a = 35 \text{ cm}$$

Diagonal of the square = $a\sqrt{2}$

$$= 35\sqrt{2} \text{ cm}$$

Length of the rectangle (l) = 80% of $35\sqrt{2}$

$$\text{cm} = 28\sqrt{2} \text{ cm}$$

Perimeter of the rectangle = $94\sqrt{2} \text{ cm}$

$$2(l + b) = 94\sqrt{2} \text{ cm}$$

$$l + b = 47\sqrt{2} \text{ cm}$$

$$28\sqrt{2} + b = 47\sqrt{2}$$

$$b = 19\sqrt{2} \text{ cm}$$

Area of the rectangle = $l \times b$

$$= 28\sqrt{2} \times 19\sqrt{2} \text{ cm} = 1064 \text{ cm}^2$$

68. (3) Annual salary of Arun = 7,68,000 Rs.

$$\text{Monthly salary} = \frac{768000}{12} = \text{Rs. } 64,000$$

Spending on children = Rs. 12,000

Rest = 52,000

$$1/13\text{th of the rest} = \frac{52000}{13} = \text{Rs. } 4,000 \text{ is}$$

spent on food.

Rs. 8,000 is spent in mutual funds.

Monthly savings = 64,000 - (12,000 + 4,000 + 8,000) = Rs. 40,000

69.(2) A takes 24 days to complete a work.
B is 20% more efficient than A, hence B

will take $\frac{(24 \times 100)}{120} = 20$ days.

C takes (20 + 10) = 30 days.

Time taken by A & C in completing the

work = $\frac{(24 \times 30)}{(24 + 30)} = \frac{(24 \times 30)}{54}$

= $\frac{40}{3}$ days

70.(5) Let initial quantity of milk & water in the mixture are 5x & 4x

2 litres water is added.

Hence,

New quantity of milk & water will be 5x & (4x + 2)

ATQ,

$\Rightarrow 5x/(4x + 2) = 10/9$

$\Rightarrow x/(4x + 2) = 2/9$

$\Rightarrow 9x = 8x + 4$

$\Rightarrow x = 4$

Hence, new amount of water in the mixture = 4x + 2 = (4 × 4) + 2 = 18 litres

ENGLISH LANGUAGE

(79-85) :

79. (3) Replace 'of' with 'from'.

80. (3) Replace 'intend' with 'intends'.

81. (5) 'No error'

82. (4) Replace 'offer' with 'offers'.

83. (1) Replace 'swung' with 'swinging'.

84. (2) Replace 'responding' with 'respond'.

85. (1) Replace 'them' with 'themselves'.

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Automation	the use of largely automatic equipment in a system of manufacturing or other production process	स्वचालन
Decoupling	separate, disengage, or dissociate (something) from something else	किसी अंक को दस गुणा करना
Eloquent	fluent or persuasive in speaking or writing	सुवक्ता
Enthusiasts	a person who is highly interested in a particular activity or subject	उत्साही
Sprouted	(of a plant) put forth shoots	अंकुरित
Conscience	an inner feeling or voice viewed as acting as a guide to the rightness or wrongness of one's behaviour	विवेक
Illustrate	provide (a book, newspaper, etc.) with pictures	उदाहरण देकर स्पष्ट करना
Meek	quiet, gentle, and easily imposed on, submissive	नम्र
Inception	the establishment or starting point of an institution or activity	आरंभ
Disdained	consider to be unworthy of one's consideration	घृणा करना
Accosted	approach and address (someone) boldly or aggressively	संभाषण करना
Stipulation	a condition or requirement that is specified or demanded as part of an agreement	शर्त
Retracted	draw or be drawn back or back in	मुकरना

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IBPS PO SPECIAL PHASE - I - 212 (ANSWER KEY)

1. (4)	26. (4)	51. (1)	76. (2)
2. (1)	27. (3)	52. (2)	77. (1)
3. (3)	28. (5)	53. (2)	78. (4)
4. (2)	29. (2)	54. (3)	79. (3)
5. (5)	30. (1)	55. (3)	80. (3)
6. (2)	31. (4)	56. (1)	81. (5)
7. (3)	32. (1)	57. (1)	82. (4)
8. (1)	33. (1)	58. (2)	83. (1)
9. (3)	34. (5)	59. (2)	84. (2)
10. (5)	35. (2)	60. (3)	85. (2)
11. (4)	36. (2)	61. (1)	86. (4)
12. (4)	37. (3)	62. (2)	87. (1)
13. (2)	38. (3)	63. (4)	88. (3)
14. (5)	39. (5)	64. (1)	89. (3)
15. (3)	40. (3)	65. (4)	90. (1)
16. (3)	41. (2)	66. (4)	91. (3)
17. (3)	42. (3)	67. (1)	92. (2)
18. (2)	43. (1)	68. (3)	93. (5)
19. (4)	44. (3)	69. (2)	94. (1)
20. (2)	45. (3)	70. (5)	95. (4)
21. (5)	46. (2)	71. (5)	96. (4)
22. (5)	47. (2)	72. (4)	97. (2)
23. (2)	48. (1)	73. (5)	98. (5)
24. (5)	49. (5)	74. (2)	99. (4)
25. (1)	50. (2)	75. (5)	100. (1)

Note:- If you face any problem regarding result or marks scored, please contact 9313111777

Note:- Whatapp with Mock Test No. and Question No. at 7053606571 for any of te doubts. Join the group and you may also share your suggestions and experience of sunday Mock Test.

Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003