

IBPS PO SPECIAL PHASE - I MOCK TEST - 238 (SOLUTION)

REASONING

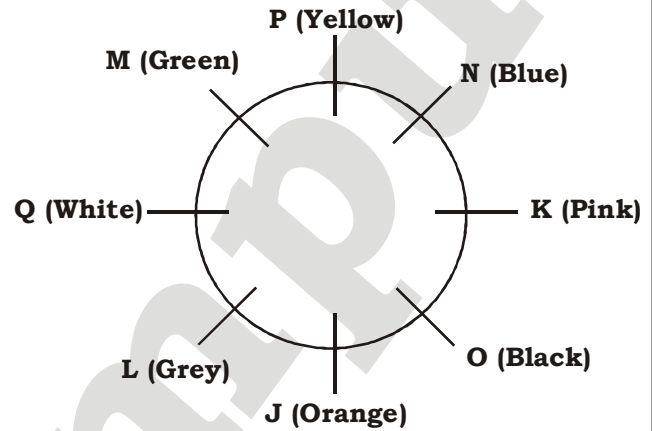
1. (2) Combining both statements, we get
 $A > C > D \geq P = H < B$
 Thus, we can't compare A and B.
 Hence I ($A > B$) is not true.
 Again, $C > H$ is true.
 Hence conclusion II is true.
2. (4) Combining both statements, we get
 $P > Q = R \geq N = C > B \leq A$
 Thus, $Q \geq C$ is true.
 Hence I ($C \geq Q$) is not true.
 Again, $P > B$ is true.
 But II ($P \geq B$) is not true.
3. (4) Combining all statements
 $F < J \leq T \geq R$
 I. $F > T \rightarrow$ False
 II. $F = R \rightarrow$ False
 Hence, neither conclusion I nor II is true.
4. (1) Combining all statements
 $M > K = H \geq L$
 I. $M > L \rightarrow$ True
 II. $M < H \rightarrow$ False
 Hence, only conclusion I is true.
5. (5) Combining all statements
 $Q = H < L < F$
 I. $Q < F \rightarrow$ True
 II. $H < F \rightarrow$ True
 Hence, both conclusion I and II are true.
6. (2) Combining all statements
 $D > E \geq I \geq K$
 I. $D \geq I \rightarrow$ False
 II. $E \geq K \rightarrow$ True
 Hence, only conclusion II is true.
7. (5) Combining all statements
 $V < W \leq U < R$
 I. $V < R \rightarrow$ True
 II. $W < R \rightarrow$ True
 Hence, both conclusion I and II are true.

(8-12) :

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

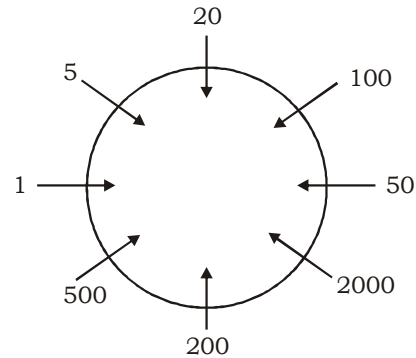
8. (2) 9. (5) 10. (4)
 11. (1) 12. (3)

(13-16) :



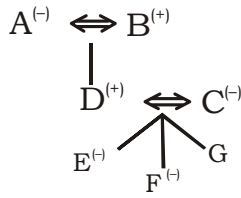
13. (4) 14. (5) 15. (1)
 16. (3)
 17. (1) ECB
 18. (4) F
 19. (4) More than Five
 20. (2) C
 21. (2) 'Ten'

(22-26) :



22. (2) 23. (3) 24. (4)
 25. (1) 26. (4)
 27. (5) It is clear that P is husband of R. If he establish that T is either son or daughter of S, then P would be son-in law of S.
 $T + S$ means T is daughter of S.
 $T \div S$ means T is son of S.
 28. (4) Both the expressions are true.
 29. (5) From both I and II.
 $Z > Y > V = W > X$
 Hence Z scores the highest runs.

30. (5) From both I and II



Hence, A is grandmother of E

31. (5) From both I and II.

T V S X P _ Q
Q _ P X S V T

Hence X is the middle of the row.

32. (3) 1, 5 and 7

33. (3) 34. (4) 35. (2)

MATHS

36. (1) Speed of current = $y = 3$
Down stream speed = $9 \times 3 = 27$ km/h
Speed of boat = x
 $x + y = 27$
 $x = 24$; ? $y = 3$
Distance travelled upstream in 5 hr =
speed \times Time = $(x - y) \times 5$
 $= (24 - 3) \times 5 = 21 \times 5 = 105$ km

37. (1) Let least even number = x
Consecutive even numbers $\Rightarrow x, x + 2,$
 $x + 4, x + 6$
Let least odd number = y
Consecutive odd numbers = $y, y + 2,$
 $y + 4$
ATQ
 $\Rightarrow [x + (x + 2) + (x + 4) + (x + 6)] - [y + (y + 2) + (y + 4)] = 81$
 $\Rightarrow 4x + 12 - 3y - 6 = 81$
 $\Rightarrow 4x - 3y = 75$... (i)
Now, sum of smallest even and odd numbers
 $x + y = 59$... (ii)
Solving (i) and (ii)
 $x = 36, y = 23$
Now sum of largest even number and largest odd number ?
 $(36 + 6) + (23 + 4) = 69$

38. (3) In scheme A interest = $\frac{X \times 8 \times 2}{100}$
In scheme B interest
 $= \frac{(X + 1400) \times 12 \times 2}{100} - \frac{X \times 8 \times 2}{100} = 800$
 $X = 6800$

39. (3) Required ratio
 $= \frac{68 + 74 + 78}{90 + 86 + 84} = \frac{220}{260} = \frac{11}{13}$

40. (4) Total books sold on Friday from Store C

$$\begin{aligned} & \& D = \frac{115}{100} \times 40 + \frac{120}{100} \times 95 \\ & = 46 + 114 = 160 \end{aligned}$$

41. (2) Required percentage

$$= \frac{(85 + 55) - (36 + 74)}{(36 + 74)} \times 100 = \frac{30}{110} \times 100$$

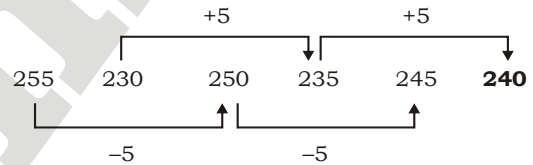
$$= 27 \frac{3}{11} \%$$

42. (5) Required average = $\frac{1}{3}(89 + 82 + 84)$

$$= \frac{1}{3} \times 255 = 85$$

43. (1) Required difference = $(82 + 90) - (57 + 54) = 172 - 111 = 61$

44. (2)

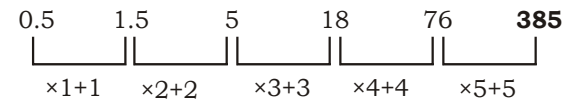


45. (3) Series is $\times 0.5 + 1, \times 1 + 1.5, \times 1.5 + 2, \times 2 + 2.5$
 $\therefore ? = 5 \times 1.5 + 2 = 9.5$

46. (4) Series is
 $8 \times 0.5 = 4$
 $4 \times 1 = 4$
 $4 \times 2 = 8$
 $8 \times 4 = 32$
 $32 \times 8 = 256$

47. (1) Series is $-1^2, -2^2, -3^2, -4^2, \dots$
 $\therefore ? = 115 - 16 = 99$

48. (2) Series is



49. (3) Average age of A and B 2 year ago = 26

$$\text{Present Average age } \frac{A + B}{2} = 28$$

Present age A + B = 56

A's age after 5 year = 40

Now A's age = $40 - 5 = 35$

B's age = $56 - 35 = 21$

C's age = $21 + 5 = 26$

Required difference = $35 - 26 = 9$

50. (5) $X : Y = 2x : 3x$
 $X + Y = 60$
 $2x + 3x = 60$
 $x = 12$

- $X = 2x = 24$
 $Y = 3x = 36$
 $X + Y + Z = 24 \times 3$
 $60 + Z = 24 \times 3$
 $Z = 12$
 $X - Z = 24 - 12 = 12$
51. (4) Let cost price of both article = $100x$
 Profit on sell of 1st article = 40% of $100x$
 $= 40x$
 Selling price of 1st article = $140x$
 Selling price of 2nd Article
 $= 140x - \frac{140 \times 25}{100} = 105x$
 Profit of on 2nd Article = $105x - 100x$
 $= 5x$
 Total profit percent = $\frac{45x}{200x} \times 100$
 $= 22\frac{1}{2}\%$
52. (3) Area of square = 1225
 $a^2 = 1225$
 $a = 35$, diagonal of square = $a\sqrt{2} = 35\sqrt{2}$
 length of rectangle = 80% of $35\sqrt{2}$
 $l = 28\sqrt{2}$
 Perimeter = $94\sqrt{2}$
 $2(l+b) = 94\sqrt{2}$
 $2l+2b = 94\sqrt{2}$
 $2b = 94\sqrt{2} - 56\sqrt{2}$
 $2b = 38\sqrt{2}$
 $b = 19\sqrt{2}$
 Area = $l \times b = 28\sqrt{2} \times 19\sqrt{2}$
 $= 1064$
53. (1) Monthly salary = $\frac{7.68}{12}$ lack = 64000
 Saving = Income - Expenditure
 $= 64000 - 12000 - 4000 - 8000$
 $= 40,000$
54. (5) $\approx 250 \times \frac{32}{5} \approx 2400 \times ?$
 $\Rightarrow ? \approx \frac{1600}{2400} = \frac{2}{3}$
55. (1) $? = \frac{695 \times 39 \times 10}{100} = 2710.5 \approx 2800$

56. (3) $6 \times 1.414 + 14.275 = 196.35 \times ?$
 $\Rightarrow 22.759 = 196.35 \times ?$
 $\Rightarrow ? = \frac{22.759}{196.35} \approx \frac{1}{8}$
57. (3) $? \approx 1525 \times 20 + 495$
 $= 30500 + 495 = 30995 \approx 31000$
58. (4) 78% of $\sqrt{\sqrt{1155} + \sqrt{7570}} + 45.87\%$ of 870
 $\approx 78\%$ of $\sqrt{34+87} + \frac{46}{100} \times 870$
 $= \frac{78}{100} \times 121 + \frac{46}{100} \times 870$
 $= 94.38 + 400.20 = 494.58 \approx 495$
59. (3) $? \approx 17 + 27 + 37 - 13 - 9 \approx 59 \approx 60$
60. (2) 96% of 695 + 37.987% of 743 $\div \sqrt{4355} + \sqrt[3]{63.98}$
 $\approx \frac{96}{100} \times 695 + \frac{38}{100} \% \text{ of } 743 \div 66 + 4$
 $= 667.2 + 4.27 + 4 = 675.47 \approx 675$
61. (2) $13.03^2 + ? + 21.998 \times 4.012 = 298.998$
 $\Rightarrow 169 + ? + 22 \times 4 \approx 299$
 $\therefore ? = 42$
62. (2) $95.2 \times 79.985 + 59.99\%$ of 299.99 = $?^2$
 $\Rightarrow 95 \times 80 + \frac{60}{100} \times 300 \approx ?^2$
 $\Rightarrow 7600 + 180 = ?^2 \Rightarrow ?^2 = 7780$
 $\therefore ? = 88.20 \approx 88$
63. (1) $18.9^2 \times 20.024 + 299.9 \times 5.99 = 13 \times ?$
 $\Rightarrow 361 \times 20 + 300 \times 6 \approx 13 \times ?$
 $\Rightarrow 7220 + 1800 = 13 \times ?$
 $\therefore ? = \frac{9020}{13} = 693.84 \approx 694$
64. (5) I. $2x^2 - 21x + 45 = 0$
 $\Rightarrow 2x^2 - 6x - 15x + 45 = 0$
 $\Rightarrow 2x(x-3) - 15(x-3) = 0$
 $\Rightarrow (2x-15)(x-3) = 0$
 $\Rightarrow x = \frac{15}{2}, 3$
 II. $y^2 - 11y + 28 = 0$
 $\Rightarrow y^2 - 7y - 4y + 28 = 0$
 $\Rightarrow y(y-7) - 4(y-7) = 0$
 $\Rightarrow (y-4)(y-7) = 0$
 $\Rightarrow y = 4, 7$
65. (5) I. $6x^2 - 29x - 35 = 0$
 $\Rightarrow 6x^2 + 6x - 35x - 35 = 0$
 $\Rightarrow 6x(x+1) - 35(x+1) = 0$
 $\Rightarrow (6x-35)(x+1) = 0$
 $\Rightarrow x = \frac{35}{6}, -1$

- II. $2x^2 - 19y + 35 = 0$
 $\Rightarrow 2y^2 - 14y - 5y + 35 = 0$
 $\Rightarrow 2y(y - 7) - 5(y - 7) = 0$
 $\Rightarrow (2y - 5)(y - 7) = 0$
 $\Rightarrow y = \frac{5}{2}, 7$
66. (5) I. $2x^2 + 17x + 26 = 0$
 $\Rightarrow 2x^2 + 4x + 13x + 26 = 0$
 $\Rightarrow 2x(x + 2) + 13(x + 2) = 0$
 $\Rightarrow (2x + 13)(x + 2) = 0$
 $\Rightarrow x = -\frac{13}{2}, -2$
- II. $2y^2 + 17y + 33 = 0$
 $\Rightarrow 2y^2 + 6y + 11y + 33 = 0$
 $\Rightarrow 2y(y + 3) + 11(y + 3) = 0$
 $\Rightarrow (2y + 11)(y + 3) = 0$
 $\Rightarrow y = -\frac{11}{2}, -3$
67. (2) I. $x^2 = 81$
 $\Rightarrow x = +9, -9$
- II. $y^2 + 19y + 90 = 0$
 $\Rightarrow y^2 + 9y + 10y + 90 = 0$
 $\Rightarrow y(y + 9) + 10(y + 9) = 0$
 $\Rightarrow (y + 10)(y + 9) = 0$
 $\Rightarrow y = -10, -9$
 Clearly, $x \geq y$
68. (2) I. $12x^2 - 47x + 40 = 0$
 $\Rightarrow 12x^2 - 32x - 15x + 40 = 0$
 $\Rightarrow 4x(3x - 8) - 5(3x - 8) = 0$
 $\Rightarrow (4x - 5)(3x - 8) = 0$
 $\Rightarrow x = \frac{5}{4}, \frac{8}{3}$
- II. $4y^2 + 3y - 10 = 0$
 $\Rightarrow 4y^2 + 8y - 5y - 10 = 0$
 $\Rightarrow 4y(y + 2) - 5(y + 2) = 0$
 $\Rightarrow (4y - 5)(y + 2) = 0$
 $\Rightarrow x = \frac{5}{4}, -2$
 Clearly, $x \geq y$

69. (3) A can do work in = 24 days
 B is with 20% more efficiency, so B can do same work in = 20 days
 C can do the same work in = 20 + 10 = 30 days

One day work of A and C = $\frac{1}{24} + \frac{1}{30}$

= $\frac{5 + 4}{120} = \frac{9}{120} \Rightarrow \frac{3}{40}$

Time require by A and C = 40/3 days

70. (3) $\frac{\text{Milk}}{\text{Water}} = \frac{5x}{4x}$
 According to question

$\frac{5x}{4x + 2} = \frac{10}{9}$

$x = 4$

New amount of water = $4x + 2 = 16 + 2 = 18$

ENGLISH LANGUAGE

(86 - 90) :

86. (4) Instead of trump it should be trump's as sentence is in possessive form.
87. (3) Hardly itself is negative so after it no is not required.
88. (1) Word unique is complete in itself, superlative the most is superfluous here.
89. (2) Sentence is in past form, so word survey should be surveyed.
90. (1) Conjunction not only is for recorded growth not for island, the correct format is the island has not only recorded a growth.....

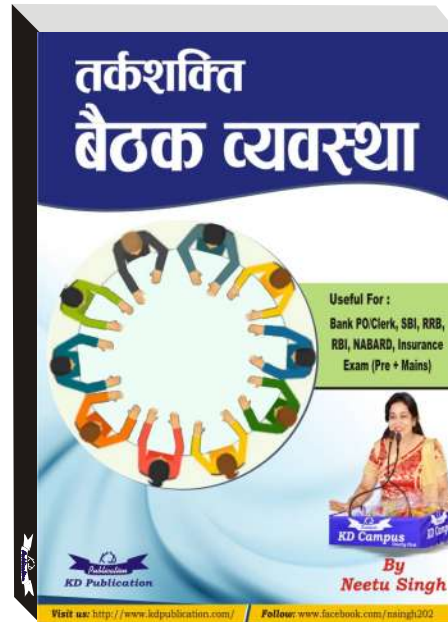
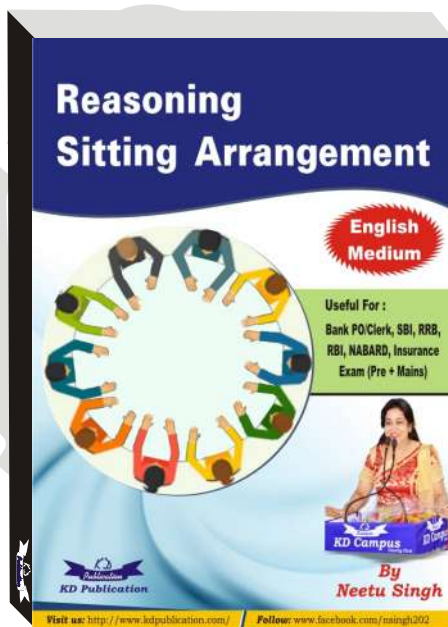
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VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Plummet	a steep and rapid fall or drop	सीसे का भार
Plunge	an act of jumping or diving into water.	डुबकी, तैरने का तालाब
Breach	an act of breaking or failing to observe a law, agreement, or code of conduct.	उल्लंघन
Volatile	(of a substance) easily evaporated at normal temperatures	परिवर्तनशील
Laurels	a tangible symbol signifying approval or distinction	बहादुरी का पुरस्कार
Kudos	praise and honor received for an achievement	यश
Postulate	a thing suggested or assumed as true as the basis for reasoning, discussion, or belief.	मांगना
Ascent	a climb or walk to the summit of a mountain or hill.	आरोहण
Transient	lasting only for a short time; impermanent.	क्षणिक
Screech	a loud, harsh, piercing cry	फटा आवाज
Littoral	of or relating to a coastal or shore region	नदी के किनारे का
Naval	connected with or belonging to or used in a navy	नौसैनिक
Deliberate	done consciously and intentionally	जानबूझकर

For all Bank PO/ Clerk Exams



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IBPS PO SPECIAL PHASE -I MOCK TEST - 238 (ANSWER KEY)

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

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