

BANK PO PHASE-I MOCK TEST-12 (SOLUTION)

REASONING

1. (5)

None follows
2. (2)
3. (5)

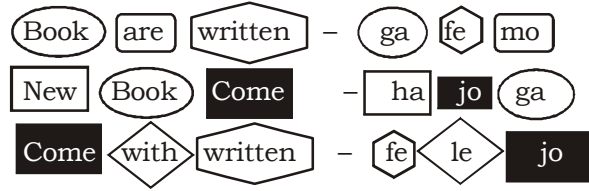
None follows
4. (5)
5. (5)

Only III follows

(6-10):

- | | | | | |
|--|----------------------------|-----------------------------|-----------------------------|-------|
| | PPQ ⁺
Eng. | VVW ⁻
Teacher | — | I |
| | RRS ⁺
Doctor | OOP ⁻
Teacher | TTV ⁻
Eng. | — II |
| | | QQR ⁻
Doctor | SST ⁺
Teacher | — III |
6. (1)
 7. (3)
 8. (2)
 9. (2)
 10. (2)
 11. (5)
 12. (2)

(13-15):



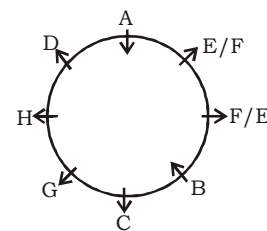
13. (4) 14. (2) 15. (3)

(16-20):

- I/P: fiction 89 action thriller 28 16
 bollywood comedy 35 53 hollywood 68
- I. 89 fiction action 28 16 bollywood comedy 35 53 hollywood 68 thriller
 - II. 16 89 fiction action 28 bollywood comedy 35 53 68 thriller hollywood
 - III. 68 16 89 action 28 bollywood comedy 35 53 thriller hollywood fiction
 - IV. 28 68 16 89 action bollywood 35 53 thriller hollywood fiction comedy
 - V. 53 28 68 16 89 action 35 thriller hollywood fiction comedy bollywood
 - VI. 35 53 28 68 16 89 thriller hollywood fiction comedy bollywood action

16. (5) 17. (3) 18. (4)
 19. (2) 20. (4)

(21-25):



21. (2) 22. (4) 23. (1)
 24. (5) 25. (3)
(26-30):
 26. (4) 27. (5) 28. (5)
 29. (4) 30. (1)

(31-35):

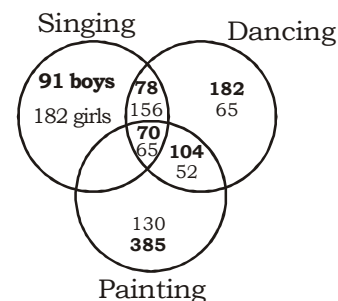
- \$ - ≥ @ - > # - < + - = × - ≤
31. (2) H > T < F = E ≤ V
 32. (5) D < R ≤ K > F ≥ J
 33. (1) N = B ≥ W < H ≤ M
 34. (1) R ≤ D ≥ J < M > K
 35. (5) M ≥ K > N ≤ R < W

MATHS

36. (3) $? = (292 + 60 - 345) \times 31 = (352 - 345) \times 31 = 7 \times 31 = 217$
37. (5) $\sqrt{25 \times 14 - 42 + (4)^2} = 18$
 $= 18 \Rightarrow (4)^2 = (18)^2 - 308$
 $\Rightarrow (4)^2 = 324 - 308 = 16 \Leftrightarrow ? = 2$
38. (2) $? = (3 + 4 - 3) + \left(\frac{3}{4} + \frac{2}{5} - \frac{1}{8}\right)$
 $= 4 + \frac{30+16-5}{8 \times 5} = 4 + \frac{41}{40} = 5 \frac{1}{40}$
39. (4) $= 86.7 + 144.9 = 231.6$
40. (1) $\frac{343 \times 49}{216 \times 16 \times 81} = \frac{7^3 \times 7^3}{6^3 \times (4 \times 9)^2} = \frac{7^3 \times 7^2}{6^3 \times 6^4} = \frac{7^5}{6^7}$
41. (3) $r_1 = \frac{132 \times 7}{2 \times 22} = 21\text{m}$
 $r_2 = \frac{176 \times 7}{2 \times 22} = 28\text{m}$
 Reqd. diff. $= \pi\{(28)^2 - (21)^2\}$
 $= \frac{22}{7} \times 49 \times 7 = 1078 \text{ sq m.}$
42. (4)
43. (2) Relative speed of two trains
 $= \frac{180 + 270 \text{ m}}{10.8 \text{ s}} = \frac{4500 \text{ m}}{108 \text{ s}}$
 $= \frac{4500}{108} \times \frac{18 \text{ km}}{5 \text{ h}} = 150 \text{ km/h.}$
 Thus, speed of the second train $= 150 - 60 = 90 \text{ km/h}$
44. (4)
45. (3) The original fraction
 $= \frac{25}{51} \times \frac{(350+100)}{150+100} = \frac{25}{51} \times \frac{45}{25} = \frac{15}{17}$
46. (4) Required ratio $= \frac{3}{4} \times 2.27 : \frac{3}{10} \times 1.25$
 $= 1.7025 : 0.375 = 227 : 50$
47. (2) Required percentage $= \frac{1.08}{3.14} \times 100 \approx 34$
48. (1) Total number of candidates appearing from all the cities together
 $= (1.25 + 3.14 + 1.08 + 2.27 + 1.85 + 2.73)$ lakhs $= 12.32$ lakhs
 Number of candidates passing from City F
 $= \frac{7}{12} \times 2.73 = 1.5925$ lakh
 $= \frac{1.5925}{12.32} \times 100 = 12.93\%$
49. (4) Number of failures:
 City A $\rightarrow \frac{3}{10} \times 1.25$ lakhs $= 0.375$ lakh

- City B $\rightarrow \frac{3}{8} \times 3.14$ lakh $= 1.1775$ lakh
- City C $\rightarrow \frac{5}{9} \times 1.08$ lakh $= 0.6$ lakh
- City D $\rightarrow \frac{3}{4} \times 2.27$ lakh $= 1.7025$ lakh
- City E $\rightarrow \frac{2}{5} \times 1.85$ lakh $= 0.74$ lakh
- City F $\rightarrow \frac{5}{12} \times 2.73$ lakh $= 1.1375$ lakh
50. (5) Number of passed students from City E
 $= \left(\frac{3}{5} \times 1.85\right)$ lakhs $= 111000$
51. (2) The given series is
 $\times \frac{1}{2} - 2, \times \frac{1}{2} - 2, \times \frac{1}{2} - 2, \times \frac{1}{2} - 2, \times \frac{1}{2} - 2, \times \frac{1}{2} - 2$
 Thus, correct answer is 118.
52. (4) The given series is $\times 1+2, \times 2+3, \times 3+4, \times 4+5, \times 5+6, \times 6+7$. So, correct answer 177.
53. (5) The given series is
 $+ (1)^2, + (3)^2, + (5)^2, + (7)^2, + (9)^2, + (11)^2$
 Correct answer = 171.
54. (1) The given series is
 $\times 1+(1)^2, \times 2+(2)^2, \times 3+(3)^2, \times 4+(4)^2, \times 5+(5)^2, \times 6+(6)^2$
 Correct answer = 6.
55. (3) The given series is $\times \frac{1}{2} + \frac{1}{2}, \times 1+1, \times 1.5 + 1.5, \times 2+2, \times 2.5 + 2.5, \times 3+3$
 Correct answer = 6.75

(56-60):



Note: Bold figures denote the number of boys.

56. (4) Total number of boys who are enrolled in dancing $= 182 + 70 + 104 + 78 = 434$
57. (5) Required% $= \frac{(156 + 182 + 65)}{1560} \times 100$
 $= \frac{403}{1560} \times 100 = 25.86 \approx 26\%$
58. (1)
59. (2) Required% $= \frac{65}{182} \times 100 = 35.71$



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ENGLISH

60. (3) Required ratio = $\frac{130}{385} = 26:77$

61. (5) I. $\sqrt{x} \cdot \sqrt{x} = \sqrt{6} \Rightarrow x = \sqrt{6}$
II. $y^3 = 6^{3/2} \Rightarrow y = (6^{3/2})^{1/3} = 6^{1/2} = \sqrt{6}$

62. (1) $3x - 2y = 10$
 $5x - 6y = 6$
 $\Rightarrow y = 4; x = 6$

Thus, $x > y$

63. (5) I. $x^2 + x - 12 = 0$
 $x = -4, 3$
II. $y^2 - 5y + 6 = 0$
 $y = 3, 2$

Thus, $x \leq y$

64. (3) I. $x^2 + 6x + 3x + 18 = 0$
 $x = -6, -3$
II. $y^2 - 8y - 5y + 40 = 0$
 $y = 8, 5$

Thus, $y > x$

65. (2) I. $\sqrt{x+6} = 11-6$
 $\Rightarrow x = 19$
II. $y^2 + 112 = 473$
 $y^2 = 473 - 112 = 361;$
 $\Rightarrow y = \pm 19$
Thus, $x \geq y$

66. (4)

67. (5)

68. (5)

69. (1) Required number of permutations
 $= |8| \times |4| = 40320 \times 24$
 $= 967680$

70. (4) Average speed = $\frac{\text{total distance}}{\text{total time}}$

Total time = $\frac{45}{60} + \frac{35}{60} = \frac{4}{3}$ hours and

Total distance = $39 + 25 = 64$ km

\therefore Average speed = $\frac{39+25}{\frac{4}{3}} = \frac{64}{4} \times 3$

= 48km/hr

71. (4) As the passage concludes at one point: '...enticing the unbanked won't be easy.'

72. (3) In the second sentence of the third paragraph, it says that 9 million US households are untouched by main stream banks and 21 millions using the likes of payday loans and pawnshops for financing.

73. (3) This may be inferred from the vein in which the passage says about the US that it is still a nation of 1,00,000 bank branches.'

74. (5) In fact, the author is sceptical about the success of Grameen America.

75. (1) (A) is doubtful. (B) is contrary to the passage. (C) has not been mentioned.

76. (3) The passage discusses things and leaves room open for conclusion.

77. (2) The sixth and seventh sentences of the third paragraph give its strategy as the reason that this time employees themselves will be involved making loans rather than training an American bank personnel.

78. (5) As the passage says '...group members are tremendous sources of support to one another.'

79. (1) 80. (5) 81. (1)

82. (1) 83. (4) 84. (3)

85. (2)

86. (3) Replace 'was going' with 'may go'.

87. (1) Replace angry (adj) with anger (noun).

88. (3) Replace 'were' with 'had'.

89. (5)

90. (2) Replace 'ever-grow' with 'ever-growing'.

91. (4) 92. (1) 93. (2)

94. (3) 95. (3) 96. (4)

97. (1) 98. (5) 99. (4)

100. (2)

Vocabularies

Word	Meaning in English	Meaning in Hindi
Waning	Becoming gradually weaker or less important	घटता हुआ
Usurious	Person lending money at very high rates of interest	सूदखोर
Pawn shop	A shop where a person lends money in exchange for articles left with them.	साहूकार की दुकान
Tutelage	Helpful influence or guidance	संरक्षण, देख-रेख
Tap	To make use of a source of energy, knowledge, etc. that already exists	उपयोग करना
Disbursing	To pay out (money) from a fund that has been created for a special purpose	मुद्रा वितरित करना
Subsistence	The amount of food, money, etc., that is needed to stay alive	निर्वाह, जीविका
Collateral	Related but not in a direct or close way	सहायक, प्रमाणित करने वाला
Spate	A large number of things that appear or happen in a short period of time	बड़ी संख्या में, अतिवृष्टि
Downcast	Not happy, confident, or hopeful	निराश, खिन्न
Palpable	Obvious and noticeable	प्रत्यक्ष, सुस्पष्ट
Slump	To decrease suddenly and by a large amount	भारी गिरावट आना, कमी होना
Justifiable	Capable of being justified	उचित, क्षमा योग्य
Quirky	An unusual habit or way of behaving	विचित्र, अजीब
Incentivize	To provide with an incentive	प्रोत्साहित करना
Crunch	A situation in which there is suddenly not enough of something.	ऐसी स्थिति जिसमें स्रोत अपर्याप्त हो।
Lay out	To plan how something should look and arrange it in this way	बंदोबस्त करना
Conform	To obey or agree with something	पुष्टि करना
Abstract	To remove something from somewhere	अलग करना, हटा लेना



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BANK PO PHASE -I MOCK TEST - 12 (ANSWER KEY)

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

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

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