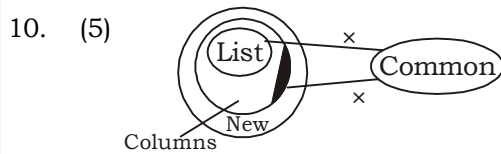
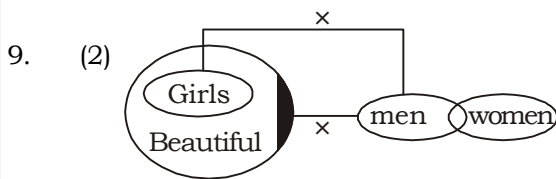
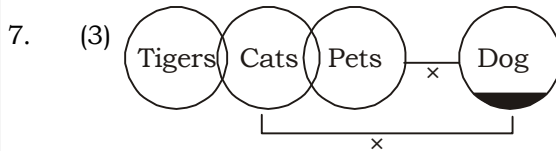
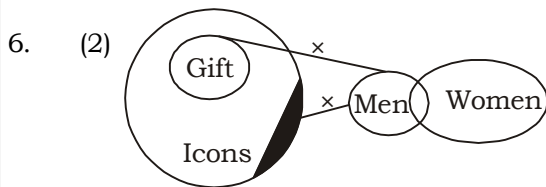


BANK PO PHASE-I MOCK TEST-10 (SOLUTION)

(1-5):

L	Australia	Athletics
H	Japan	Boxing
K	China	Archery
T	USA	Football
F	France	Volleyball
J	Russia	Tennis
R	Korea	Rifle Shooting

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



Only Conclusion II follows.

(11-15)

Q → ≥, # → -, % → -, \$ → <, x → -

11. (5) $K \leq L < M = N \leq O < P$
 I. $P > K$ true II. $N > K$ true
12. (4) $A > B > C = D \geq E < F$
 I. $A < F$ false II. $D \geq F$ False
13. (4) $A > B > C = D \geq E < F$
 I. $A \geq F$ can't say II. $A < F$ can't say
14. (5) $U < V \leq W < X \geq Y = Z$
 I. $X > U$, true II. $Z \geq U$ false
15. (2) $K \leq L < M = N \leq O < P$
 N = K false II. $Z \geq U$ true

(16-20):

Monday	1	Sarita
Tuesday	2	Priyanka
Wednesday	2	Riyaj
Thuesday	3	Parvati
Friday	3	Tani
Saturday	1	Himank
Sunday	1	Sonal

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

(26-30):

Input : 285 ace jaguar 346 cars 264 different speed 624 125 heavy 341.

Step I : 624 285 ace jaguar 346 cars 264 different 125 heavy 341 speed

Step II : 346 624 285 ace cars 264 different 125 heavy 341 speed jaguar

Step III : 341 346 624 285 ace cars 264 different 125 speed jaguar heavy

Step IV : 285 341 346 624 ace cars 264 125 speed jaguar heavy different

Step V : 624 285 341 346 624 ace 125 speed jaguar heavy different

Step VI : 125 264 285 341 346 624 speed jaguar heavy different cars ace

26. (5) 27. (1) 28. (2)
 29. (2) 30. (5) 31. (1)
 32. (5) 33. (2) 34. (2)
 35. (3)

Maths

36. (2) $\frac{7441}{34} \times 12 - 110 = ? \times 9$

$$\frac{2626.23 - 110}{9} = ?$$

? = 279.5 ≈ 280

37. (3) $\frac{989}{34} \times \frac{869}{65} \times \frac{515}{207} = ?$

? = 967.52 ≈ 970

38. (5) $(32)^2 + (24)^2 - (17)^2 = ?$

$$1024 + 576 - 289 = ?$$

? = 1311 ≈ 1310

39. (3) $73.86 \times 46.04 \div 21.44 = ?$

$$? = 74 \times 46 \div 22$$

? = 154.7 ≈ 160

40. (1) $\frac{67}{100} \times 800 - 231 = ? - \frac{23}{100} \times 790$

⇒ 536 - 231 + 181.7 = ?

∴ ? = 486.7 ≈ 490

41. (4) CP of 40 kg of mixture ₹ [(25 × 32) + (15 × 36)]
 SP of 40 kg of mixture ₹ (40 × 40.2) = ₹ 1608
 Profit = ₹ (1608 – 1340) = ₹ 268

$$\text{Profit\%} = \frac{268}{1340} \times 100 = 20\%$$

42. (1) Let the principal be ₹ x.
 Now, according to the question,

$$x \left(1 + \frac{15}{100}\right)^3 - x = \frac{650052}{100}$$

$$\Rightarrow x \times \frac{23}{20} \times \frac{23}{20} \times \frac{23}{20} - x = \frac{650052}{100}$$

$$x = ₹ 12480$$

43. (4)
- | | | | | | | |
|------|------|------|------|------|------|----|
| 3601 | 3602 | 1803 | 604 | 155 | 36 | 12 |
| | | | | | | |
| +1+1 | +2+2 | +3+3 | +4+4 | +5+5 | +6+6 | |

154 is written in place of 155.

44. (2)
- | | | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------|
| 4 | 12 | 45 | 196 | 1005 | 6066 | 42511 |
| | | | | | | |
| × 2 + (2) ² | × 3 + (3) ² | × 4 + (4) ² | × 5 + (5) ² | × 6 + (6) ² | × 7 + (7) ² | |

42 is written in place of 60.

45. (1)
- | | | | | | | |
|----|----|----|-----|-----|-----|----|
| 2 | 6 | 12 | 20 | 30 | 42 | 56 |
| | | | | | | |
| +4 | +6 | +8 | +10 | +12 | +14 | |

8 is written in place of 6.

46. (5)
- | | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 32 | 16 | 24 | 60 | 210 | 945 | 5197.5 |
| | | | | | | |
| × 0.5 | × 1.5 | × 2.5 | × 3.5 | × 4.5 | × 5.5 | |

65 is written in place of 60.

47. (4)
- | | | | | | | |
|----|-----|-----|-----|-----|------|-----|
| 7 | 13 | 25 | 49 | 97 | 193 | 385 |
| | | | | | | |
| +6 | +12 | +24 | +48 | +96 | +192 | |

194 is written in place of 193

48. (3) Percentage increase = $\frac{(300 - 250)}{250} \times 100$
 = 20%

49. (3) $\frac{\text{Runs scored by Team A in Match 2}}{\text{Runs scored by Team C in Match 6}} = \frac{200}{300}$
 = $\frac{2}{3}$

50. (1) Average runs scored by Team B in all the matches = $\frac{200 + 300 + 250 + 300 + 250 + 200}{6}$

$$= \frac{1500}{6} = 250$$

51. (5) Total runs scored by all the teams in Match 3 = 100 + 250 + 200 = 550

Total runs scored by Team C in all the matches = 100 + 250 + 200 + 350 + 100 + 300 = 1300

$$\text{Percentage} = \frac{550}{1300} \times 100 = 42.3\%$$

52. (4)

53. (3)

54. (2) Total height of 13 girls in the class

$$= \frac{1880}{13} \times 13 = 1880 \text{ cms}$$

Total height of 11 boys in the class

$$= \frac{1864}{11} \times 11 = 1864 \text{ cms}$$

Total weight of 24 students = 3744 cms

$$\text{Average weight} = \frac{3744}{24} = 156 \text{ cms.}$$

55. (1)

$$\therefore \text{Required probability} = \frac{2}{52} = \frac{1}{56}$$

56. (4) Number of candidates eligible for post I = 100 (25 + 32 + 28 + 24 + 30 + 48 + 65)
 = 25200

Number of candidates shortlisted for post I = 65 + 220 + 280 + 85 + 120 + 325 + 550 = 1645

$$\text{Required answer} = \frac{1645}{25200} \times 100 = 6.52\%$$

57. (1) Number of candidates shortlisted from state E for all the posts = 120 + 280 + 75 + 280 + 260 + 520 = 1535

Number of candidates shortlisted from state G for all posts = 550 + 140 + 325 + 220 + 410 + 200 = 1845

$$\text{Required answer} = \frac{1535}{1845} = \frac{307}{369}$$

58. (5) Total number of candidates eligible from all states for post I = 25200

Total number of candidates eligible from all states for post VI = 39400

$$\text{Required answer} = \frac{25200}{39400} \times 100 = 63.9\%$$

59. (3)

60. (3) Total candidates shortlisted for post V = 1650
Total candidates shortlisted for post VI = 2780

$$\text{Required ratio} = \frac{1650}{2780} = \frac{165}{278}$$

61. (4) I. $x^2 - 19x + 84 = 0$

$$\therefore x = 7, 12$$

II. $y^2 - 25y + 156 = 0$

$$\therefore x \leq y, \quad y = 13, 12$$

62. (2) I. $x^3 - 468 = 1729$

$$x^3 = 2197$$

$$\therefore x = 13$$

II. $y^2 - 1733 + 1564$

$$y^2 = 169$$

$$y = \pm 13$$

$$\therefore x \geq y$$

63. (5) I. $\frac{9}{\sqrt{x}} + \frac{19}{\sqrt{x}} = \sqrt{x}$

$$\therefore x = 28$$

II. $y^{11/2} = (2 \times 14)^{11/2}$

$$\therefore y = 2 \times 14 = 28$$

$$\therefore x = y$$

64. (1) I. $\sqrt{784x} + 1234 = 1486$

$$\therefore 28x = 252$$

$$\therefore x = 9$$

II. $\sqrt{1089y} + 2081 = 2345$

$$33y = 264$$

$$\therefore y = 8$$

$$\therefore x > y$$

65. (1) I. $\frac{12}{\sqrt{x}} - \frac{23}{\sqrt{x}} = 5\sqrt{x}$

$$\therefore x = \frac{-11}{5} = -2.2$$

II. $\frac{\sqrt{y}}{12} - \frac{5\sqrt{y}}{12} = \frac{1}{\sqrt{y}}$

$$\therefore y = \frac{-12}{4} = -3$$

$$\therefore x > y$$

66. (3) The speed of car = $\frac{520}{8} = 65$ km/hr

$$\text{The speed of truck} = 65 \times \frac{4}{5} = 52 \text{ km/hr}$$

$$\text{The distance covered by truck in 9 hours} = 52 \times 9 = 468 \text{ km}$$

67. (1) The area of rectangular room = $\frac{6448}{62}$

$$= 104 \text{ ft}$$

$$\text{The side of the square room} = \sqrt{361} = 19 \text{ ft}$$

$$\text{The length of the rectangular room} = 19 - 6 = 13 \text{ ft}$$

$$\text{The breadth of the rectangular room} =$$

$$\frac{104}{13} = 8 \text{ ft}$$

68. (4)

69. (3)

70. (5)

ENGLISH LANGUAGE

71. (4) 72. (2)

73. (1) 74. (2)

75. (4) 76. (5)

77. (1) 78. (3)

79. (5) 80. (3)

81. (4) 82. (2)

83. (3) 84. (5)

85. (3) 86. (3)

87. (1) 88. (1)

89. (2) 90. (2)

91. (1) 92. (2)

93. (4) 94. (1)

95. (5)

96. (*) Change 'held' into 'had held' as the action took place prior to another past action and put the word 'were' before 'being'.

97. (3) Remove 'the'. Here, the theme and concept denotes the same idea.

98. (2) Replace 'between' with 'through'.

99. (5)

100. (4) Replace 'began' with 'begun'. 'Has' is followed by 'V₃'.

Vocabularies

Word	Meaning in English	Meaning in Hindi
Violations	The act of going against or refusing to obey a law, an agreement, etc.	अतिक्रमण, उल्लंघन
Malicious	Having or showing hatred and a desire to harm somebody or hurt their feelings	दुष्ट, दुर्भावनापूर्ण
Confidentiality	A situation in which you expect somebody to keep information secret	गोपनीयता
Intellectual	connected with or using a person's ability to think in a logical way and understand things	बौद्धिक, बुद्धि-संबंधी
Substantial	Large in amount, value or importance	अधिक मात्रा में
Figuratively	in a way that involves using words or phrases with a meaning that is different from usual, in order to create a particular mental picture	आदर्श रूप में, सचित्र रूप में
Tandem	A group of two people or things that work together or are associated with each other	एक के पीछे एक की क्रमबद्धता
Make a dent	to reduce the amount of something	कम करना
Persistent	Continuing beyond the usual, expected, or normal time not stopping or going away	निरंतर, लगातार
Boost	To increase the force, power, or amount of (something)	प्रोत्साहित करना, बढ़ा देना
Concentrate	To think about something : to give your attention to the thing you are doing, reading, etc.	ध्यान केन्द्रित करना
Align	To change (something) so that it agrees with or matches something else	के अनुकूल करना
Entails	To have (something) as a part, step, or result	किसी चीज के लिए आवश्यक होना
Significant	Large enough to be noticed or have an effect	महत्वपूर्ण, सार्थक
Consideration	Careful thought : the act of thinking carefully about something you will make a decision about	ध्यान, मनन
Mobility	Being able to be moved	गतिशीलता, परिवर्तनशीलता,



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BANK PO PHASE -I MOCK TEST - 10 (ANSWER KEY)

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

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