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2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

BANK PO PHASE-I MOCK TEST-33 (SOLUTION)

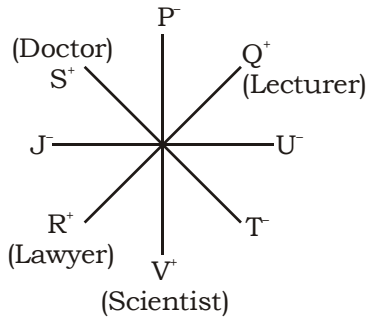
REASONING

(1 - 5):

	Vasant Kunj	Sri Kunj	Defence Colony
Deepak (Advertisement)	✓	×	×
Suraj (IT)	×	✓	×
Arun (IB)	×	×	✓
Rupa (HR)	×	✓	×
Priyanka (Finance)	×	×	✓
Tara (R&D)	✓	×	×
Bharti (Marketing)	×	×	✓
Fardeen (Operation)	×	✓	×

1. (5) 2. (4) 3. (4)
4. (2) 5. (3)
6. (5) 7. (4) 8. (1)
9. (2) 10. (4)

(11-16):



11. (4) 12. (1) 13. (2)
14. (3) 15. (3) 16. (3)

(17-20):

Input : Next 57 problem 82 14 trend 02 purchase growth 41

Step I. growth next 57 problem 82 14 trend 02 purchase 41

Step II. growth 02 next 57 problem 82 14 trend purchase 41

Step III. growth 02 next 14 57 problem 82 trend purchase 41

Step IV. growth 02 next 14 problem 57 82 trend purchase 41

Step V. growth 02 next 14 problem 41 57 82 trend purchase

Step VI. growth 02 next 14 problem 41 purchase 57 trend 82

Step VII. growth 02 next 14 problem 41 purchase 57 trend 82

17. (4) 18. (3) 19. (4)
20. (3)

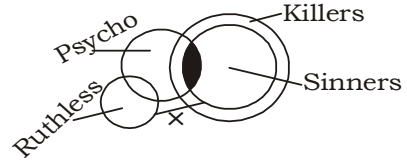
(21-22):

Input : Just 14 and value 22 time 5 15

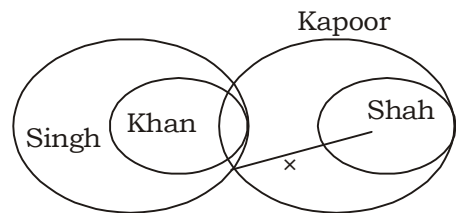
1. and just 14 value 22 time 5 15
2. and 5 just 14 value 22 time 15
3. and 5 just 14 time value 22 15
4. and 5 just 14 time 15 value 22

21. (4) 22. (2)

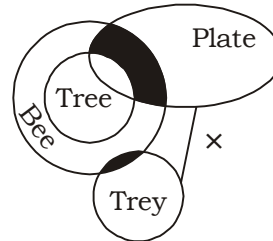
23. (3)



24. (2)



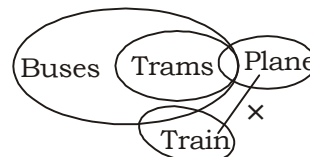
25. (4)



26. (3)



27. (1)



(28-32) :

- @ - ≥ # - > % - = \$ - ≤ * - <
28. (3) $A \geq B = C > D < E$
I. $A < E$; Can't say
II. $A \geq E$; False
29. (4) $G < H < I = J, G \leq H \geq K$
I. $I < J$; False
II. $G \geq K$; False
30. (2) $U < V < W = X \leq Y > Z$
I. $U > Z$; Can't say
II. $V < r$; True
31. (1) $U < V < W = A > B \geq C$
I. $W > C$; True
II. $W = C$; False
32. (3) $J > K > L < M < N$; $I > K$
I. $J \geq N$; False
II. $J < N$; Can't say
33. (2) 34. (4) 35. (2)

Maths

36. (4) $24 \times 9 \times 17 = 3672 \approx 3700$
37. (1) $(5.8) \times (8.8) \times (9.6) = 491 \approx 490$
38. (2) $5940 \times \frac{1}{28} \times \frac{1}{6} \approx 35$
39. (1) $15.5 \times 8.5 + 650 \times \frac{1}{4}$
 $\approx 132 + 163 = 295$
40. (3) Area of the carpet = $3 \times 3 = 1.44 \text{ m}^2$
Total increase in area = $25 + 40 + \frac{25 \times 40}{100} = 75\%$
Increase in cost = $3 \times 3 \times 1.44 \times 75 \times \frac{45}{100} = ₹ 437.4$
41. (1) Amount = $20000 \left(1 + \frac{15}{100} \right)^4$
 $= ₹ 34980.125$
So, CI = $34980.125 - 20000 = ₹ 1 \times 4980.125$
42. (2) $P = 20,000$
For the 1st year $r = 10\%$
 $t = 2$
Amount = $20000 \left(1 + \frac{10}{100} \right)^2 = 24200$
For the second year $P = 24200$
 $r = 20\%$
 $= 24200 \left(1 + \frac{20}{100} \right) = 29040$
CI = $29040 - 20,000 = ₹ 9040$

43. (2) Probability of getting white ball from 14 balls = $\frac{8c_1}{14c_1} = \frac{4}{7}$
44. (4) $(20-15)\% = 51$
Then, original price = $\frac{51}{5} \times 100 = ₹ 1020$
45. (5) $CP = \frac{127940 \times 100}{119.6} = 15000$
M.P. = $17940 \times \frac{100}{92} = 19500$
Profit% = $\frac{4500}{15000} \times 100 = 30\%$
46. (4) $89745 + 51291 \Rightarrow 141036 = 73\%$
 $100\% = \frac{141036}{73} \times 100 = 193200$
47. (3) 65 students 4 teachers
Each students sweets = $65 \times \frac{1}{5} = 13$
Each teacher sweet = $65 \times 65 \times \frac{2}{5} = 26$
Total no. of sweets = $13 \times 65 + 26 \times 4 = 845 + 104 = 949$
48. (2) $n(E) = 6C_4 + 5C_2 \times 14C_2$
 $P(E) = \frac{6C_4 + 5C_2 \times 14C_2}{19C_4} = \frac{15 + 910}{2876} = \frac{925}{3876}$
49. (5) 47.5, which is replaced by 37.5
Now difference b/w no. is = 30, 50, 70, 90, 110, 130
(From Right to left)
50. (2) $13 + 3 = 16, 16 + 5 = 21, 21 + 7 = 28 + 11 = 39$
27 is wrong no.
51. (3) $1500 + 81 = 1581, 1581 + 83 = 1664, 1664 + 85 = 1749, 1749 + 87 = 1836$
i.e. 1833 is wrong no.
52. (2) $66 + 25 = 91, 91 + 29 = 120, 120 + 33 = 153, 153 + 37 = 190, 190 + 41 = 231$
53. (1) $11^3 = 1331, 13^3 = 2197, 15^3 = 3375, 17^3 = 4913$
i.e. 4914 is wrong no.
54. (2) (i) $b = \frac{3}{4} r$
(ii) $r = a^2 = 144$
 $a = 12$

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55. (2) $3T + 2C = ?$
From Equation II
2 Table = 1 Chair = 500
 $3t = 250 \times 3 = 750$
 $2c = 500 \times 2 = 1000$
 $3t + 2c = 750 + 1000 = 1750$
56. (5) $S = 8500 + \text{Amit}$
Rahul's monthly income = 3.5 thousand
Amit's monthly income = $3.5 \times 2 = 7.0$ thousand
Then, Jyoti monthly income = $8500 + 7000 = 15500$
So, (5) option is correct
57. (5) 58. (5)
59. (5) $20x^2 - x - 12 = 0 \Rightarrow x = \frac{+16}{20}, \frac{-15}{20}$
 $x = +\frac{3}{5}, -\frac{3}{4}$
 $20y^2 + 27y + 9 = 0$
 $y = \frac{-15}{20} - \frac{12}{20}$
 $= -\frac{3}{4} - \frac{3}{5}$
60. (4) $x^2 - 218 = 106$
 $y^2 - 37y + 342 = 0$
 $x^2 = 324$
 $x = 18, -18$
 $y = +19, +18$
 $y \geq x$
61. (5) $\frac{7}{\sqrt{x}} + \frac{5}{\sqrt{x}} = \sqrt{x}$
(i) $12 = x$
(ii) $y^2 - \frac{(12)^2}{\sqrt{y}} = 0$
 $y^{\frac{5}{2}} = (12)^{\frac{5}{2}}, y = 12$
Hence $x = y$
62. (3)
(i) $\sqrt{361x} + \sqrt{16} = 0$
 $19x + 4 = 0$
 $x = -\frac{4}{19}$
(ii) $\sqrt{441y} + 4 = 0$
 $21\sqrt{y} + 4 = 0$
 $\sqrt{y} = -\frac{4}{21}$
 $y = -\frac{16}{441}$
Hence $x < y$
63. (1) (i) $\frac{15}{\sqrt{x}} - \frac{2}{\sqrt{x}} = 6\sqrt{x}$
 $15 - 2 = 6x$
 $x = \frac{13}{6}$
(ii) $\frac{\sqrt{y}}{4} + \frac{7\sqrt{y}}{12} = \frac{1}{\sqrt{y}}$
 $\frac{3\sqrt{y} + 7\sqrt{y}}{12} = \frac{1}{\sqrt{y}}$
 $10y = 12$
 $y = \frac{12}{10} = \frac{6}{5}$
Hence $x > y$
64. (1) Required find = $(15 - 5) \%$ of 500 lakh
= 50 lakh
65. (5) Required remaining amount = 45% of
 $500 - 20\%$ of 500 = $\left(25\% = \frac{1}{4}\right)$ of 500
= ₹ 125 lakh
66. (1) Required percentage = $\frac{15}{35} \times 100 = 43\%$
67. (3) Required amount = 30% of 500 lakh = ₹ 150 lakh
68. (4) Fund acquired = 45% of 500 = ₹ 225 lakh
69. (1) $3e = 4E$
 $e = \frac{4}{3}E$
 $\frac{M_1H_1}{W_2} = \frac{M_2H_2}{W_2} \quad \frac{8 \cdot 9}{15} = \frac{8 \cdot 12}{W_2}$
 $W_2 = 20$
70. (1) $C = 2B$
 $B = 2A$
 $A : B = 1 : 2$
 $B : C = 1 : 2$
Now, $A : B : C$
 $1 : 2 : 4$
 $A + B + C = 5h$
 $7 = 5h$
 $1 = 35 \text{ hr}$
 $A = 35 \text{ hr}$
- ENGLISH LANGUAGE**
71. (5) 72. (2) 73. (1)
74. (5) 75. (3) 76. (3)
77. (2) 78. (5) 79. (4)
80. (5) 81. (3) 82. (2)
83. (4) 84. (1) 85. (5)
86. (2) 87. (5) 88. (1)
89. (1) 90. (1) 91. (3)
92. (4) 93. (1) 94. (3)
95. (5) 96. (2) 97. (5)
98. (4) 99. (3) 100. (2)

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VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Luminary	A person who is an expert or a great influence in a special area or activity	दिग्गज
Referendum	An occasion when all the people of a country can vote on an important issue	जनमत-संग्रह
Credentials	A document attesting to the truth of certain stated facts	प्रत्यक्ष-पत्र
Tooting	Making a short high sound by a car horn or a whistle	हार्न बजाना, शोर करना
Reticence	A dislike of telling people about things	चुप्पी, मौन
Complacent	Too satisfied with yourself or with a situation, so that you do not feel that any change is necessary	आत्मसंतुष्ट, उदासीन
Professed	Openly said or declared	तथाकथित, घोषित
Triumph	A great success, achievement or victory	विजय
Competent	Having enough skill or knowledge to do something well or to the necessary standard	सक्षम
Credible	That can be believed or trusted	विश्वसनीय
Insurgents	A person fighting against the government or armed forces of their own country	विद्रोही, बागी
Inevitable	Something that is certain to happen	अवश्यंभावी, निश्चित
Abrasive	Rude and unkind; acting in a way that may hurt other people's feelings	कठोर, सख्त
Conciliatory	Having the intention or effect of making angry people calm	मैत्रीपूर्ण, तुष्टीकारी
Anodyne	Unlikely to cause disagreement or offend anyone	पीड़ानाशक, शांत करने वाला
Aver	To state firmly and strongly that something is true	प्रमाणित करना
Wand	A thin supple twig or rod	डंडी, छड़ी
Coda	The final passage of a piece of music	संगीत का अंतिम रूप पहा
Credo	A set of beliefs	सिद्धांत और विश्वास
Mutineer	Someone who is openly rebellious and refuses to obey authorities (especially seamen or soldiers)	बागी, विद्रोही
Deride	To treat somebody/something as ridiculous and not worth considering seriously	मजाक उड़ाना
Poseur	A person who pretends to be what he or she is not	दिखावा करने वाला
Zealot	A person who is extremely enthusiastic about something, especially religion or politics	कट्टरपंथी
Whimsy	An odd or fanciful or capricious idea	सनकीपन
Venial	Prepared to do dishonest or immoral things in return for money	भ्रष्टाचारी, बिकाऊ
Travail	An unpleasant experience or situation that involves a lot of hard work, difficulties and/or suffering	कठोर परिश्रम
Meticulousness	The quality of paying careful attention to every detail	सतर्कता

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BANK PO PHASE -I MOCK TEST - 33 (ANSWER KEY)

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