

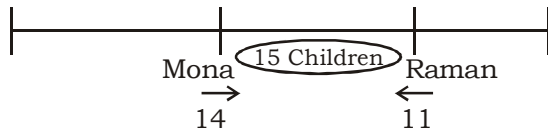
BANK PO PHASE-I MOCK TEST-18 (SOLUTION)

REASONING

(1-6):

Person	Bank	Profession
Harry	Allahabad	Economist
Evan	Punjab National Bank	IT officer
Alex	Maharashtra Bank	Forex officer
Raman	Bank of Baroda	Agriculture officer
Mohit	Andhra Bank	Terminal operator
Javed	Grameen Bank	Clerk
Jignesh	Syndicate Bank	Research analyst

1. (2) 2. (2) 3. (3)
 4. (3) 5. (5) 6. (4)
 7. (1)



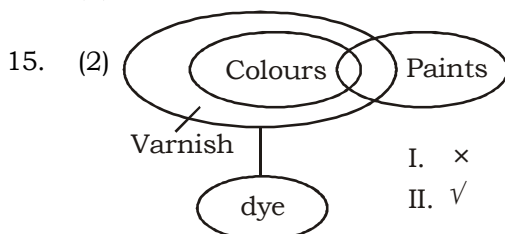
Hence, position of M from the left end = $40 - (11 + 15) = 14$ th

8. (3) how many are there \Rightarrow
 ka na ta fa (i)
 many are welcome here \Rightarrow
 na pi ni ka (ii)
 From (i) and (ii), we can conclude that the code for 'many are' is 'ka na'.
 Thus, the code for 'how' is either ta or da.

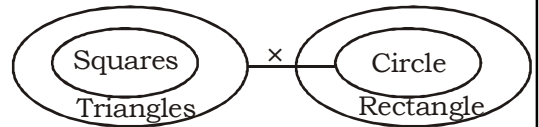
(9-14):

From the question, we get
 weapon \rightarrow red, hidden \rightarrow white
 town \rightarrow black, attack \rightarrow indigo
 fro \rightarrow grey, in \rightarrow yellow
 ready \rightarrow green, own \rightarrow violet
 safety \rightarrow silver, under \rightarrow blue

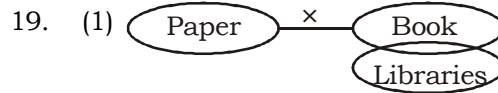
9. (3) 10. (1)
 11. (5) 'black' and 'yellow' means 'town' and 'in' respectively. Pink is a new colour, so new word for 'pink' is 'risk'.
 12. (2)
 13. (1) 'all' is a new word, so new code for 'all' is 'orange'.
 14. (4)



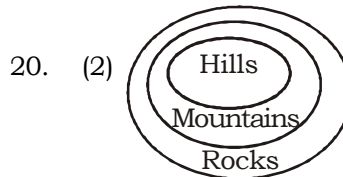
16. (5) I. \checkmark
 II. \checkmark
 17. (4)



- I. \times
 II. \times
 18. (1) I. \checkmark
 II. \times



- I. \checkmark
 II. \times



- I. \times
 II. \checkmark

(21-25):

21. (1) 22. (2) 23. (4)
 24. (4) 25. (2)

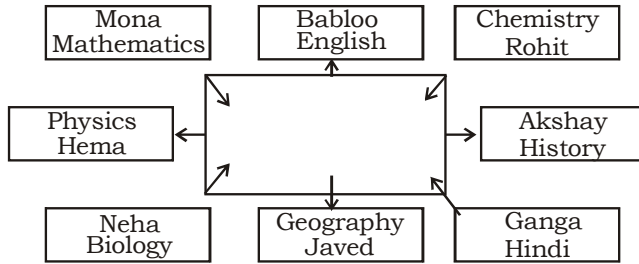
(26-29):

In every step a number is arranged on the left end and a word on the right end. We begin with the largest number, then the second largest, and so on, till all the numbers are arranged in ascending order. Words are arranged in the alphabetical order.

- Input:** 29 cone 42 pale fear 39 67 fame 32 weld 77 turn
Step I. 77 29 42 pale fear 39 67 fame 32 weld turn cone
Step II. 67 77 29 42 pale fear 39 32 weld turn cone fame
Step III. 42 67 77 29 pale 39 32 weld turn cone fame fear
Step IV. 39 42 67 77 29 32 weld turn cone fame fear pale
Step V. 32 39 42 67 77 29 weld cone fame fear pale turn
Step VI. 29 32 39 42 67 77 cone fame fear pale turn weld

26. (1) 27. (3) 28. (5)

29. (1)
(30-35) :



30. (1) 31. (3) 32. (5)
33. (5) 34. (5) 35. (1)

MATHS

36. (1) $? = \frac{6255.22}{18.5 \times 21.4} = 15.8$
37. (2) $? = \frac{1.5 \times 78}{0.5} = 234$
38. (4) $? = 302.46 + 395.72 - 123.47$
 $= 698.18 - 123.47 = 574.71$
39. (3) $\sqrt[3]{?} = \sqrt[3]{4096} \div \sqrt[3]{64}$
 $= \sqrt[3]{16 \times 16 \times 16} \div \sqrt[3]{4 \times 4 \times 4}$
 $= 16 \div 4 = 4$
 $\therefore ? = 4 \times 4 \times 4 = 64$
40. (4) $\frac{800 \times ?}{100} = 293 - \frac{750 \times 22}{100}$
p $8 \times ? = 293 - 165 = 128$
p $? = \frac{128}{8} = 16$
41. (4) $? \gg 95 \times 6 \times 6 \gg 3420$
 \therefore Required answer = 3400
42. (1) $4735 - 3454 - 1613$
 $= ? - 1611$
 $\therefore ? = -332 + 1611 = 1279$
 \therefore Required answer = 1280
43. (5) $? \gg \frac{320}{55} \times \frac{970}{250} \times \frac{55}{60} \gg 21$
44. (3) $? \gg 133 \times 3 - 112 + 74 \gg 361$
 \therefore Required answer = 357
45. (2) $? \gg 32 \times 2800 \div 550 + 120 \gg 282.9$
 \therefore Required answer = 284
46. (1) \therefore Required number of committees
 $= {}^5C_1 \times {}^4C_2 + {}^5C_2 \times {}^4C_1 + {}^5C_3$
 $= 5 \times \frac{4 \times 3}{1 \times 2} + \frac{5 \times 4}{1 \times 2} \times 4 + \frac{5 \times 4}{1 \times 2}$
 $= 30 + 40 + 10 = 80$

47. (2) $(B+C)$'s 1 day's work = $\frac{1}{8}$ (i)

$(A+B)$'s 1 day's work = $\frac{1}{12}$ (ii)

$(A + C)$'s 1 day's work = $\frac{1}{16}$ (iii)

On adding all these three equations.

$2(A + B + C)$'s 1 day's work

$$= \frac{1}{8} + \frac{1}{12} + \frac{1}{16} = \frac{6+4+3}{48} = \frac{13}{48}$$

p $(A + B + C)$'s 1 day's work = $\frac{13}{96}$

\therefore A, B and C together can complete the

work in $\frac{96}{13} = 7 \frac{5}{13}$ days.

48. (2) Rate = $\frac{S.I. \times 100}{Principal \times Time} = \frac{10800 \times 100}{22500 \times 4}$
 $= 12\%$ per annum

\therefore CI = $P \left[\left(1 + \frac{R}{100} \right)^T - 1 \right]$

$$= 22500 \left[\left(1 + \frac{12}{100} \right)^2 - 1 \right]$$

$$= 22500 \left[\frac{28}{25} - 1 \right]$$

$$= 22500 \left[\frac{784 - 625}{625} \right]$$

$$= \frac{22500 \times 159}{625} = ₹ 5724$$

49. (1) Let the number of tickets of each value be x.

$\therefore 55x + 85x + 105x = 2940$

p $245x = 2940$

p $x = \frac{2940}{245} = 12$

50. (3) Total C.P
 $= ₹ (12000 + 10000)$
 $= ₹ 22000$
Total S.P.

$$= ₹ \left[\frac{12000 \times 108}{100} + \frac{10000 \times 88}{100} \right]$$

$$= ₹ (12960 + 8800)$$

$$= ₹ 21760$$

\therefore Loss = ₹ (22000 - 21760)

$$= ₹ 240$$

51. (4) Data are inadequate

(52-56) :

52. (2) Required average = $\frac{120}{6} = 20$ thousand

53. (1) Required percent = $\frac{20-15}{15} \times 100$
 $= \frac{100}{3} = 33\frac{1}{3}\%$

54. (2) Required average
 $= \frac{13+27+12}{3}$

$= \frac{52}{3} = 17\frac{1}{3}$ thousands

55. (4) Required ratio = $15 : 18 = 5 : 6$

56. (4) Required ratio = $18 : 27 = 2 : 3$

(57-61) :

57. (3) $4 \times 1 + 2 = 4 + 2 = 6$

$6 \times 2 + 3 = 12 + 3 = 15$ ' **18**

$15 \times 3 + 4 = 45 + 4 = 49$

$49 \times 4 + 5 = 196 + 5 = 201$

$201 \times 5 + 6 = 1005 + 6 = 1011$

58. (5) $48 \times \frac{3}{2} = 72$; $72 \times \frac{3}{2} = 108$

$108 \times \frac{3}{2} = 162$; $162 \times \frac{3}{2} = 243$

$243 \times \frac{3}{2} = 364.5$ ' **366**

59. (4) The number should be 770 in place of 760.

$\times 1 + 2, \times 2 + 4, \times 3 + 6, \times 4 + 8, \times 5 + 10,$
 $\times 6 + 12, \dots$

60. (2) $2^3 = 8 : 3^3 = 27$

$4^3 = 64 : 5^3 = 125$

$6^3 = 216$ ' 218

$7^3 = 343$

61. (4) $19 + 7^2 = 19 + 49 = 68$

$68 + 6^2 = 68 + 36 = 104$ ' **102**

$104 + 5^2 = 104 + 25 = 129$

$129 + 4^2 = 129 + 16 = 145$

$145 + 3^2 = 145 + 9 = 154$

(62-66) :

62. (3) I. $3x^2 + 8x + 4 = 0$

$\therefore x = -2$ or $-\frac{2}{3}$

II. $4y^2 - 19y + 12 = 0$

$\therefore y = 4$ or $\frac{3}{4}$

Clearly, $x < y$

63. (5) I. $x^2 + x - 20 = 0$

$\therefore x = -5$ or 4

II. $y^2 - y - 30 = 0$

$\therefore y = 6$ or -5

64. (4) I. $x^2 = 365 + 364 = 729$

$\therefore x = \sqrt{729} = \pm 27$

II. $y - \sqrt{324} = \sqrt{81}$

$\therefore y = 27$

Clearly, $x \leq y$

65. (5) I. $4 + 7 = \sqrt{x} \times \sqrt{x}$

$\therefore x = 11$

II. $y^2 - \frac{11^{5/2}}{\sqrt{y}} = 0$

$\therefore y^{5/2} = 11^{5/2}$ $\therefore y = 11$

Clearly, $x = y$

66. (5) I. $225x^2 = 4$

$\therefore x^2 = \frac{4}{225}$ $\therefore x = \pm \frac{2}{15}$

II. $\sqrt{225y} = -2$

$\therefore y = \frac{4}{225}$

(67-70) :

67. (5) Number of male employees in IT department

$= \frac{2040 \times 20}{100} = 408$

Number of promoted male employees in IT department

$= \frac{1}{2} \times 1200 \times \frac{26}{100} = 156$

\therefore Required percentage

$= \frac{156}{408} \times 100 \approx 38$

68. (3) Number of female employees in production department

$= \frac{3600}{100} \times \frac{35}{100} - \frac{2040 \times 50}{100} = 1260 - 1020 = 240$

$= 1260 - 1020 = 240$

Number of female employees in marketing department

$= \frac{3600 \times 18}{100} - \frac{2040 \times 15}{100} = 648 - 306 = 342$

$= 648 - 306 = 342$

\therefore Required number of females

$= 240 + 342 = 582$

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69. (1) Number of female employees in accounts department

$$= \frac{3600 \times 20}{100} - \frac{2040 \times 50}{100}$$

$$= 720 - 102 = 618$$

70. (4) Required percentage

$$= \frac{1200}{3600} \times 100 \approx 33\%$$

ENGLISH

71. (5) Run a separate medical course for three and a half years which can be taken up only by rural candidates who would ultimately serve in the rural areas.

72. (4) As these have failed to meet the norms set by the central government for running the college.

73. (4) Only (B) and (C)

74. (5) All (A), (B) and (C)

75. (3) The meaning of the word **Shocking (Adjective)** as used in the passage is: very bad; that offends or upsets people; that is morally wrong.

The word **Appalling (Adjective)** means: shocking; extremely bad.

76. (3) Dearth of teaching faculty.

77. (2) All (A), (B) and (C)

78. (2) To bring to light the problems faced by the health care sector in India despite changes suggested and goad the government into attaching priority to the sector.

79. (3) fails, reoperate

80. (1) meticulous, escapes

81. (4) The event shows past time. Hence, 'when he reached the office'....should be used.

82. (2) The event shows past time. Hence, 'Past Tense should be used. Hence, remove 'had'.

83. (3) The word **threat** should be followed by 'to' here. Hence, 'serious threats to residents'.... should be used.

84. (3) The form of an infinitive is : to + V₁. Hence, 'to regulate the process of'... should be used.

85. (2) Here, use of double superlatives is superfluous. Hence, 'India's fastest growing bird sanctuary'...should be used.

86. (2) 87. (4) 88. (5)

89. (1) 90. (3)

91. (2) 92. (3) 93. (4)

94. (1) 95. (2) 96. (5)

97. (3) 98. (4) 99. (1)

100 (5)

Vocabularies

Word	Meaning in English	Meaning in Hindi
Resort	To make use of something, especially something bad, as a means of achieving something, often because there is no other possible solution	प्रयोग करना, सहारा लेना
Elaborate	Made or done with great care or with much detail	विस्तारपूर्वक प्रस्तुत करना
Constitutes	Set up or lay the groundwork for	बनाना, स्थापित करना
Discretion	The right to choose what should be done in a particular situation	कार्य स्वाधीनता
Mandated	Required by law	कानून निर्देशित
Tweak	A slight change that you make to a machine, system, etc. to improve it	संशोधन, सुधार
Compliant	Agreeing with a set of rules, standards, or requirements	सुगम
Address	To say something directly to somebody	कहना
Flag something	To put a special mark next to information that you think is important	सुचित करना
Conjure up	To make something appear as a picture in your mind	प्रकट करना
Verge on	To be very close to an extreme state or condition	किसी स्थिति की सीमा तक पहुंचना
Lay out	To present a plan, an argument, etc. clearly and carefully	पेश करना
Stopgap	Something that you use or do for a short time while you are looking for something better	काम चलाऊ
Exhort	To try hard to persuade somebody to do something	समझाना, प्रेरित करना
Entitle	To give somebody the right to have or to do something	अधिकार देना
Encompass	To include in scope; include as part of something broader	शामिल करना
Erode	To gradually destroy something or make it weaker over a period of time	नष्ट करना
Cascading	A large number of things falling or coming quickly at the same time	नीचे गिरना, कम होना
Cadaver	A dead human body	शव
Plausible	(of an excuse or explanation) reasonable and likely to be true	संभाव्य, स्वीकार्य



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BANK PO PHASE -I MOCK TEST - 18 (ANSWER KEY)

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

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