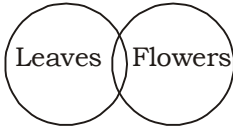


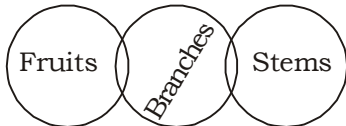
BANK PO PHASE-I MOCK TEST-13 (SOLUTION)

REASONING

1. (5)

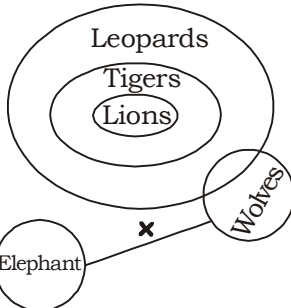


- Conclusions**
I. ✗
II. ✗
III. ✗



None follows.
(3)

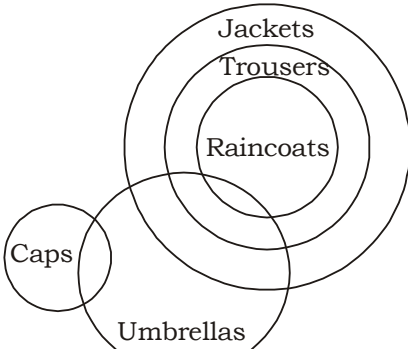
2.



- Conclusions**
I. ✗
II. ✓
III. ✓

II and III follow.

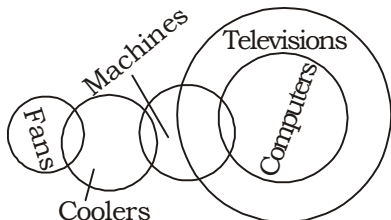
3. (5) #



- Conclusions**
I. ✓
II. ✓
III. ✓

All I, II and III follow.
(4)

4.



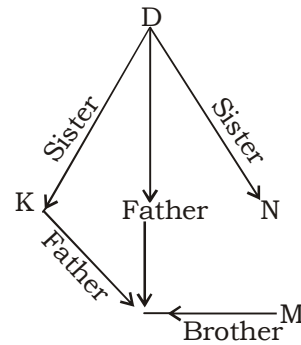
- Conclusions**
I. ✓
II. ✗
III. ✗ } or

I and either II or III follow.

(5-7): **Given information may be tabulated as below,**

Item	Student
Singing	Amar or Fatima
Speech	Baby or Fatima
Mimicry	Chintu
Storytelling	Dadu
Drama	Emily
Dancing	Amar or Baby

5. (5) From the table, it is clear that Fatima performed either singing or speech.
6. (4) From the table, it is clear that either Amar or Baby performed dancing. Hence, the data is not adequate to answer the question.
7. (4) From the table, it is clear that either Amar or Fatima were the first performer.
8. (2) From II Joseph was born on 'Tuesday' because third day of the week is Tuesday.
9. (4) Both the statements I and II are not sufficient.
10. (4) From I and II,



As D may be female or male. Hence, the relation between D and M cannot be known.

11. (4) From I,
go home now → ja ho na
From II,
come home late → pa ta ho
∴ go → ja or na
12. (3) + 9
Samir Nikhil
∴ From I, rank of Samir from the top
= 40 - 14
= 26th
From II, Samir rank from the top
= 6 + 19 + 1
= 26th
19 +
Suresh Samir
13. (2)
Input year 39 stake 47 house full 94 55
Step I full year 39 stake 47 house 94 55
Step II full 94 year 39 stake 47 house 55
Step III full 94 house year 39 stake 47 55
Step IV full 94 house 55 year 39 stake 47
Step V full 94 house 55 stake year 39 47
Step VI full 94 house 55 stake 47 year 39
14. (2)
Step II car 83 lost ever 32 46 74 now
Step III car 83 ever lost 32 46 74 now
Step VI car 83 ever 74 lost 32 46 now
Step V car 83 ever 74 lost 46 32 now
Step VI car 83 ever 74 lost 46 now 32

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15. (4) Input cannot be determined.

16. (1)

Input water full never 35 78 16 height 28

Step I full water never 35 78 16 height 28

Step II full 78 water never 35 16 height 28

Step III full 78 height water never 35 16 28

Step IV full 78 height 35 water never 16 28

Step V full 78 height 35 never water 16 28

Step VI full 78 height 35 never 28 water 16

(17-20):

A	Madhya Pradesh	Badminton
B	Bihar	Table Tennis
C	Orissa	Billiards
D	Kerala	Chess
E	Tamil Nadu	Golf
F	Maharashtra	Cricket
G	Uttar Pradesh	Hockey

17. (2)

18. (3)

19. (3)

20. (1)

21. (4) $R \leq K < M = J$

I. $J > K$

II. $M > R$

III. $R < J$

22. (3) $Z > M > K < F$

I. $F > Z$

II. $K < Z$

III. $F > M$

23. (2) $B < J \geq W > M$

I. $M < J$

II. $W < B$

III. $B > M$

24. (5) $V \geq H = F \leq E$

I. $F = V$

II. $F < V$

III. $E \geq H$

25. (4)

26. (1)

27. (5)

28. (5)

(29-31):

nation-92

fight-72

for-12

love/my - 52/22

I-42

not - 62

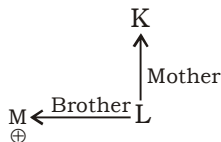
is/good-82/32.

29. (5) My nation is good \rightarrow 52/22 92 82/32

30. (4) I love fight \rightarrow 42 52/22 72

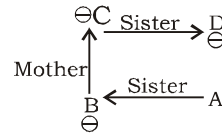
31. (3) not for love \rightarrow 62 12 52/22 \Rightarrow 12 62 22

32. (4) From option (4), $M - L \times K$



Clearly, M is the son of L's mother K.

33. (2) From option (2), $A \div B \times C \div D$



34. (3) Statements (II) and (III) are redundant to answer the question.

35. (2)

MATHS

36. (3) $8787 \div 343 \times \sqrt{50} = ?$

$$\Rightarrow ? = \frac{8787}{343} \times \sqrt{50} = 25.62 \times 7$$

$$= 26 \times 7 = 182 \square 180$$

37. (2) $\sqrt[3]{54821} \times (303 \div 8) = (?)^2 \Rightarrow (?)^2$

$$= \sqrt[3]{54821} \times \left(\frac{303}{8} \right)$$

$$(?)^2 = 38 \times 38$$

$$? = 38$$

38. (3) $? = 4011.33 \times \frac{5}{8} + 3411.22 \times \frac{7}{10}$

$$= 501.41 \times 5 + 341.12 \times 7 = 2507 + 2387$$

$$= 4894 = 4890$$

39. (5) $? = 6783 \times \frac{23}{100} + 8431 \times \frac{57}{100} = ?$

$$= \frac{156009}{100} + \frac{480567}{100} = \frac{636576}{100} = 6365.76$$

$$= 6360$$

40. (3) C.P. : M.R.P

$$3x : 5x$$

$$P\% : D\%$$

$$5y : 3y$$

$$S.P. = S.P.$$

$$3x + \frac{(3x \times 5y)}{100} = 5x + \frac{(5x \times 3y)}{100}$$

$$y = \frac{20}{3}$$

$$D\% = 3y = 20\%$$

41. (1) $A = B + C$

$$A + B = 10 \quad (1)$$

Putting value of A in eqⁿ. (1) we get

$$2B + C = 10$$

Where, $C = 50$

B daily does 2 unit of work,

B will finish the work in $= \frac{50}{2} = 25$ days.

42. (1) A : B

3 : 1 - 10 years before

2 : 1 - After 10 years

equating difference we get

$$\left[\begin{array}{l} 3 : 1 \\ 4 : 2 \end{array} \right] \rightarrow 1 \text{ Unit} = 20 \text{ years}$$

So, 3 unit = 60 years

Thus, in present A and B's age is 70 years and 30 years respectively.

ratio = 7 : 3.

43. (1) As, the time is equal for downstream and upstream distance. Now,

$$\frac{\text{Distance}}{\text{Speed}} = \frac{2(\text{Distance})}{\text{Speed}}$$

$$\frac{x}{M-1.5} = \frac{2x}{M+1.5}$$

$$M = 4.5$$

44. (3) x = Actual time in minutes.

$$S \times T = S \times T$$

$$40 \times \frac{(x+11)}{60} = 50 \times \frac{(x+5)}{60}$$

$$x = 19 \text{ minutes.}$$

45. (3) Total construction in Q = 100 + 175 + 275 = 550

$$\text{Total construction in T} = 175 + 250 + 300 = 725$$

$$\therefore \text{Required difference} = 725 - 550 = 175$$

46. (2) Average of building demolished

$$= \frac{50+175+150+75+175}{5} = \frac{625}{5} = 125$$

47. (4) Required percentage

$$= \frac{\text{Total number of buildings constructed}}{\text{Total number of building redeveloped}} \times 100$$

$$= \frac{1100}{1400} \times 100 \approx 79\%$$

48. (5) Average number of construction in City

$$R = \frac{150+225+250}{3} = \frac{625}{3} \approx 208$$

49. (1) Required ratio = $\frac{175}{300} = \frac{7}{12} = 7:12$

50. (3) The pattern of number series is as follows

$$\begin{array}{cccccccc} 4 & 5 & 12 & 39 & 160 & 805 & 4836 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 1+1 & \times 2+2 & \times 3+3 & \times 4+4 & \times 5+5 & \times 6+6 \end{array}$$

Hence, the wrong number is 38.

$$\text{Right number} = 12 \times 3 + 3 = 36 + 3 = 39$$

51. (1) The pattern of number is as follows

$$\begin{array}{cccccccc} 3 & 7 & 16 & 32 & 57 & 93 & 142 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times (2)^2 & \times (3)^2 & \times (4)^2 & \times (5)^2 & \times (6)^2 & \times (7)^2 \end{array}$$

Hence, the wrong number is 56.

$$\text{Right number} = 32 + (5)^2 = 32 + 25 = 57$$

52. (5) The pattern of number series is as follows

$$\begin{array}{cccccccc} 11 & 18 & 29 & 42 & 59 & 80 & 101 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +7 & +11 & +13 & +17 & +19 & +23 \end{array}$$

This is a prime number series.

Hence, the wrong number is 80.

$$\text{Right number} = 59 + 19 = 78.$$

53. (4) The pattern of number series is as follows

$$\begin{array}{cccccccc} 2 & 9 & 32 & 106 & 436 & 2195 & 13182 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 1 & \times 2 & \times 3 & \times 4 & \times 5 & \times 6 \\ +(1 \times 7) & +(2 \times 6) & +(3 \times 5) & +(4 \times 4) & +(5 \times 3) & +(6 \times 2) \end{array}$$

So, the wrong number is 32

$$\text{Right number} = 9 \times 2 + 2 \times 6 = 18 + 12 = 30$$

54. (4) Required amount

$$= \frac{\text{Left amount} \times 100 \times 100 \times 100}{(100 - A)(100 - B)(100 - C)}$$

$$= \frac{5760 \times 100 \times 100 \times 100}{75 \times 50 \times 25} = 61440$$

55. (2) Let speed of B = x and A = $2x$

$$\text{Length} = l_B \text{ and } l_A$$

Trains are running in the same direction. So, relative speed = $2x - x = x$

$$\therefore \frac{l_A + l_B}{x} = 50 \quad (i) \dots$$

$$\frac{l_B}{x} = 30 \quad (ii) \dots$$

$$\text{eq. (i)} \div \text{eq. (ii)}$$

$$\frac{l_A + l_B}{l_B} = \frac{5}{3}; \frac{l_A}{l_B} = \frac{5}{3} - 1 = \frac{2}{3}$$

$$\therefore l_A : l_B = 2 : 3$$

56. (3) CP of 100 kg of mixture

$$= 1100 - 300 = ₹ 800$$

$$\therefore \text{CP of 1 kg of mixture} = \frac{800}{100} = ₹ 8$$

By the method of alligation,

$$\begin{array}{ccc} \text{A} & & \text{B} \\ 10 & & 5 \\ & \searrow & \nearrow \\ & 8 & \\ & \nearrow & \searrow \\ 3 & & 2 \end{array}$$

$$\therefore \text{The ratio of A and B} = 3 : 2$$

57. (2) Total volume = 485 thousand
- $$\text{Red} = \frac{95}{485} \times 100 = 19.59\%$$
- $$\text{Blue} = \frac{105}{485} \times 100 = 21.65\%$$
- $$\text{Orange} = \frac{102}{485} \times 100 = 21.03\%$$
- $$\text{Grey} = \frac{63}{485} \times 100 = 12.99\%$$
- $$\text{White} = \frac{120}{485} \times 100 = 24.74\% \approx 25\%$$

58. (3) $\text{Red} = \frac{(45-30)}{30} \times 100 = 50\%$
- $$\text{Blue} = \frac{(48-32)}{32} \times 100 = 50\%$$
- $$\text{Orange} = \frac{(32-23)}{23} \times 100 = 39.13\%$$
- $$\text{Grey} = \frac{(34-27)}{23} \times 100 = 30.43\%$$

White ones decreased in 2011.

59. (4) Total sales in 2011 = 202 thousand
∴ Percentage share in total volume
- $$= \frac{202}{485} \times 100 = 41.64\%$$

60. (5) 98 : 109

61. (2) When two teachers from each stream are to be included, then number of ways
- $$= {}^4C_2 \times {}^5C_1 \times {}^3C_2 = \frac{4!}{(4-2)! \times 2!} \times \frac{5!}{(5-2)! \times 2!} \times \frac{3!}{(3-2)! \times 2!} = 180$$

62. (4) When no teacher from the commerce stream is to be included, then number of ways
- $$= {}^9C_6 = \frac{9!}{(9-6)! \times 6!} = \frac{9 \times 8 \times 7 \times 6!}{3 \times 2 \times 6!} = 3 \times 4 \times 7 = 84$$

63. (3) When any teacher can be included in the committee, the number of ways
- $$= {}^{12}C_6 = \frac{12!}{(12-6)! \times 6!} = \frac{12 \times 11 \times 10 \times 9 \times 8 \times 7 \times 6!}{6 \times 5 \times 4 \times 3 \times 2 \times 6!}$$
- $$= 11 \times 2 \times 3 \times 2 \times 7 = 924$$

64. (5) Profit = Loss (Let CP be ₹ x)
(SP - CP) = (CP - SP)
∴ 522 - x = x - 378 ⇒ 2x = 900
x = ₹ 450

65. (3) 66. (5) 67. (1)

68. (4) Suppose total boys = x

According to question, $\frac{300}{x} - \frac{300}{x+10} = 1$

$$\frac{300(x+10) - 300x}{x(x+10)} = 1$$

$$300 + 3000 - 300x = x^2 + 10x$$

$$x^2 + 10x - 3000 = 0$$

$$x^2 + 60x - 50x - 3000 = 0$$

$$x(x+60) - 50(x+60) = 0$$

$$(x+60)(x-50) = 0$$

$$\therefore x = 50$$

69. (5) Length of rectangle = 25 cm

$$\therefore \text{Breadth} = \frac{1}{5} \times \text{Length} - 1 = \frac{25}{5} - 1 = 5 - 1 = 4 \text{ cm.}$$

Given, area of the square = 4 × Area of a rectangle

$$(\text{Side})^2 = 4 \times (25 \times 4)$$

$$\Rightarrow (\text{Side})^2 = 400 \text{ cm}^2$$

$$\Rightarrow \text{Side} = \sqrt{400} = 20 \text{ cm}$$

Hence, perimeter of the square = 4 × 20 = 80 cm

70. (2) Marks in all subjects = 54 + 65 + 89 + 69 + 68 = 345

Total maximum marks = 5 × 100 = 500

$$\therefore \text{Required percentage} = \frac{345}{500} \times 100 = 69\%$$

ENGLISH

71. (2) Refer to 3rd paragraph last line.
72. (4) Refer to last two paragraphs of the passage.
73. (1) Refer to 4th paragraph, 5th sentence.
74. (3)
75. (4) Refer to 4th paragraph, 3rd sentence.
76. (4)
77. (5) To examine the impact of greenhouse-gases emission cuts on the world's climate.
78. (2) Sentence (A) is indicated in 4th paragraph 4th sentence and (B) is indicated is last paragraph last sentence.

79. (3) 80. (4)

(81-85): DCBFAE

81. (4) 82. (1) 83. (5)

84. (2) 85. (3) 86. (2)

87. (4) 88. (1) 89. (3)

90. (5) 91. (2) 92. (4)

93. (5) 94. (1) 95. (3)

96. (4) Replace 'tackle' with 'tackling'.

97. (3) Put 'of' between 'instance' and 'illegal'.

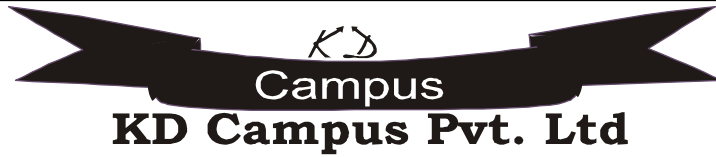
98. (2) Replace 'was' with 'were'.

99. (3) Replace 'youths' with 'youth'.

100. (5)

Vocabularies

Word	Meaning in English	Meaning in Hindi
Diminish	To become or to cause (smth) to become less in size, importance etc.	कम किया हुआ
Permafrost	A layer of soil that is always frozen in very cold regions of the world.	स्थायीतूषार
Stabilize	To become or to make something become firm steady, and unlikely to change	स्थायी बनाना, स्थिर करना
Predominantly	Mostly, mainly	मुख्यतः
Threshold	The point or level at which something begins or changes	दहलीज, शुरुआत
Discretion	The right to choose what should be done in a particular situation.	कार्य-स्वाधीनता
Frothy	Marked by high spirits and excitement	उत्साहपूर्ण
Complacence	Self-satisfaction	आत्म-संतोष
Contraction	The act or process of making something smaller or of becoming smaller.	संकुचन, सिकुड़न
Bump	To move into or against (someone or something) in a sudden and forceful way.	टक्कर मारना, धक्का देना
Recoil	To quickly move away from something that is shocking, frightening, or disgusting.	पीछे हट जाना
Tout	To talk about (something or someone) as being very good effective, skillal etc.	दलाली करना, प्रस्तुत करना
Conceal	To hide (something or someone) from sight	गुप्त रखना, छुपा लेना
Abortive	Failing to achieve the desired result	असफल
Surge	To move very quickly and suddenly in a particular direction	आगे बढ़ना
Swell	To become larger than normal	सूजना
Resurrection	In Christianity the Resurrection : the event told about in the Bible in which Jesus Christ returned to life after his death.	पुनरुत्थान
Dissuade	To convince (someone) not to do something	विपरीत परामर्श देना
Splurge	An act of spending money freely or extravagantly	पैसे उड़ाना
Gung ho	Extremely excited and enthusiastic about doing something	उत्साही



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BANK PO PHASE -I MOCK TEST - 13 (ANSWER KEY)

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