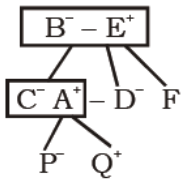
BANK PRE MOCK TEST – 4 (SOLUTION)

(1–5) :

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

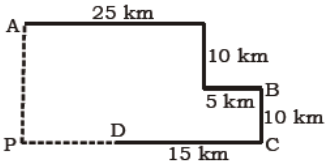
(6 – 8) :



6. (4) 7. (3) 8. (1)

(9–10) :

For point B to be in the southeast of point A, Shahrukh shall move towards east.



9. (1)
10. (5) 25 + 5 – 15
= 15 km.

(11-16) :

Person	Instrument	Genres
Milia	Flute	Blues
Alex	Veena	Country Music
Ashkay	Violin	Jazz
Billy	Drum	Indie Pop
Pamela	Guitar	Rock
Quinton	Piano	Opera
Rosy	Banjo	R&B

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

(17-21) :

Input : omit 36 59 yards 41 elect train 12 lakes 85

Step I : 85 omit 36 59 41 elect train 12 lakes yards

Step II : train 85 omit 36 41 elect 12 lakes yards 59

Step III : 41 train *85* 36 **elect** *12* lakes yards 59 omit

Step IV : lakes 41 train 85 elect 12 yards 59 omit 36

Step V : *12 lakes* 41 **train 85 yards 59** omit *36 elect*

17. (5) 18. (5) 19. (2)
20. (2) 21. (4)

(22–26) :

© → ≥ @ → <
® → = $ → ≤
→ >

22. (2) M < T ≤ R ≥ J
I. J > M ; Can't say II. R > M ; true
III. J = T ; Can't Say

23. (5) D ≥ B ≤ H = F
I. F < B ; Can't say II. F < D ; Can't say
III. H < D ; Can't say

24. (5) H = M < T ≤ K
I. K > M ; True II. T > H ; True
III. H < K ; True

25. (3) N ≤ A > J ≥ D
I. N < J ; Can't say II. A ≥ D ; False
III. D < A ; True

26. (2) R = T < M ≤ K
I. K < R ; False II. M > R ; True
III. K > T ; True

(27–31) :

Days	Persons	Colours
Monday	G	Pink
Tuesday	B	Silver
Wednesday	E	Blue
Thursday	A	Yellow
Friday	C	Green
Saturday	D	Orange
Sunday	F	Red

27. (1) 28. (4) 29. (3)
30. (5) 31. (2)

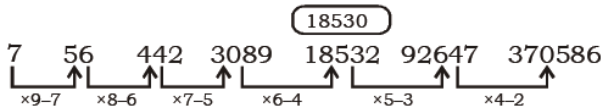
32. (1) Note the relationship with US economy.

33. (3) If an economy is speculative, it cannot be so trustworthy and hence we can't predict or determine the prices of goods or commodity with respect to that economy. Hence, it weakens the argument of the author.

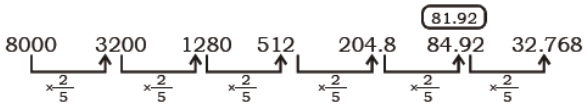
34. (5)

35. (2) It clearly strengthens the argument of the author, who is optimistic about the decline in the price.

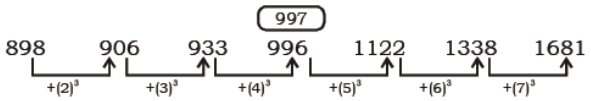
36. (3) The pattern of number series is as follow



37. (2) The pattern of number series is as follow



38. (5) The pattern of number series is as follow



39. (1) The pattern of number series is as follow
$4 = 4$
$(4 + 1^2) \times 11 = 55$
$(55 + 3^2) \times 9 = 576$
$(576 + 5^2) \times 7 =$ **4207** 4209
$(4207 + 7^2) \times 5 = 21280$
$(21280 + 9^2) \times 3 = 64083$
$(64083 + 11^2) \times 1 = 64204$
\ Correct number = 4207
∵ Wrong number = 4209

40. (5)

41. (2) According to the question, same work is done in 1 day by 9 children ×360 days.
= 18 men × 72 days
= 12 women × 162 days
Þ 9 × 360 children = 18 × 72 men = 12 × 162 women
5 children = 2 men = 3 women
2 men = 5 children
4 men = 10 children
and 3 women = 5 children
12 women = 20 children
= (4 men + 12 women + 10 children) × x days
Þ 9 children × 360 days
= (10 children + 20 children + 10 children) × x days
Þ $9 \times 360 = 40 \times x$
\ $x = 81$ days

42. (5) Let the speeds of the two trains be $4x$ and $5x$ km/h.
Then, $5x = \frac{250}{5} = 50$
Þ $x = 10$
Speed of the first train = $4x$ = 40 km/h

43. (1) Circumference of circular plot
$= \frac{3300}{15} = 220$
Þ $2\pi r = 220$
\ $r = \frac{220}{2 \times 22} \times 7 = 35$m
Total cost of flooring the plot
$= \pi r^2 \times 100 = \frac{22}{7} \times 35 \times 35 \times 100$
= ₹ 385000

44. (5) Let fraction be $\frac{x}{y}$
According to the question,
$\frac{x \times 120\%}{y \times 125\%} = \frac{3}{5}$
Þ $\frac{x}{y} = \frac{3}{5} \times \frac{125}{120} = \frac{5}{8}$

45. (2) Let two digits number be $10x + y$
According to the question,
$10x + y - (10y + x) = 27$
Þ $9x - 9y = 27$
\ $x - y = 3$
Again, $x = 2k$ and $y = k$
\ $2k - k = 3$
Þ $k = 3$
Then, $x = 2 \times 3 = 6$
$y = 3$
\ Number = $10 \times 6 + 3 = 63$

46. (5) Virar

47. (1) Required answer = 2006,
$\left[\frac{12.5 - 5.3}{5.3} \times 100 = 135.85\%\right]$

48. (2) Required difference = $(14.5 - 6.6) \times 100$ = ₹7900

49. (5) Required percentage =
$\frac{9.8 \times 100}{1.1 + 2.1 + 1.8 + 3.6 + 5.5 + 7.8} \approx 45\%$

50. (1) Churchgate, because of highest average among all.

51. (2)

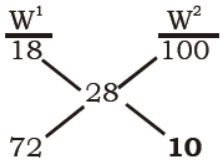
52. (2)

53. (4) Let the number be x.
\ $17x - x = 1264$
Þ $16x = 1264$
\ $x = \frac{1264}{16} = 79$

54. (2) 8 pens + 5 pencils = 25 × 13 = 325
4 pens + 7 pencils = 21 × 11 = 231
\ 12 pens + 12 pencils = 556
\ Total cost of 18 pens and 18 pencils = 556
$\times \frac{3}{2}$ = ₹834

55. (4) $\frac{\text{Volume of cylinder}}{\text{Volume of cone}} = \frac{p r_1^2 h_1}{\frac{1}{3} p r_2^2 h_2} = \frac{(3)^2 \times 2}{\frac{1}{3}(2)^2 \times 3}$
$= 9 : 2$

56. (1) Let the amount



57. (5) Correct answer is 7 as ($41^2 + 7 = 1688$).

58. (5) Data insufficient

59. (1) From statement I, $T = \frac{SI \times 100}{P \times R} = \frac{6570 \times 100}{36500 \times 6}$ = 3 years

60. (4) Suppose number is x.
From statement I, n
$x \times \frac{2}{5} = \frac{1}{2} \times 204 \Rightarrow x \times \frac{2}{5} = 102 \Rightarrow x = 255$
From statement II,
$x \times \frac{20}{100} = 51 \Rightarrow x = \frac{51 \times 100}{20}$
\ 255

61. (2) From statement II
Age of Raveena = $45 \times \frac{3}{5}$ = 27 year.

62. (1) $\sqrt{360 - 450 + 379} = \sqrt{289} = 17$

63. (3) $3^6 \times 3^8 \div 3^9 = 3^5$

64. (1) $? = (4 + 1 - 2) + \left(\frac{1}{2} + \frac{7}{12} - \frac{5}{6}\right)$
$= 3\left(\frac{6 + 7 - 10}{12}\right) = 3\frac{1}{4}$

65. (5) 36% of 245 = 40 –4 % of 210
Difference = 88.2 - 84 = 4.2
? = 10 - 4.2 = 5.8

66. (5) We consider 4096 » 4100; then = 4100 × $\frac{2}{7} \times \frac{3}{4}$
= $4100 \times \frac{3}{14}$ » 293 × 3 = 876 » 880

67. (1) 389 ÷ (2.6 × 6.9)
» 389 ÷ [2.6 ×7]
389 ÷ 18 = 21.6 » 22

68. (4)

69. (3) $\sqrt{746}$ » 27;
$\sqrt{93}$ » 9.6 and $\sqrt{25}$ = 5
After calculation we get
27 × 9.6 × 5 = 27 × 48 = 1296 » 1300

70. (2) 4563 ÷ 72
Also, 72 × 2.5 = 180

BANK PRE MOCK TEST – 4 (ANSWER)

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