SBI CLERK PHASE - I MOCK TEST-47 (SOLUTION)

Reasoning

1. (4)

   I. ×   II. ×

2. (5)

   I. ✔   II. ✔

3. (3)

   I. ×   II. ×

4. (4)

   I. ×   II. ×

5. (3)

   I. ×   II. ×

6. (2)

   I. ×   II. ✔

7. (5)

8. (3)

9. (2)   10. (2)   11. (2)

12. (4)

(13-19) :

13. (3)   14. (4)   15. (2)
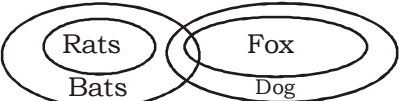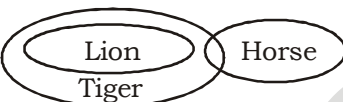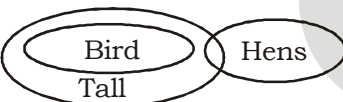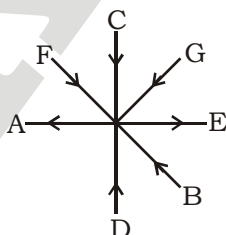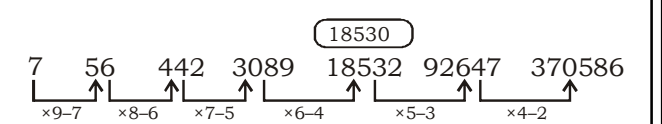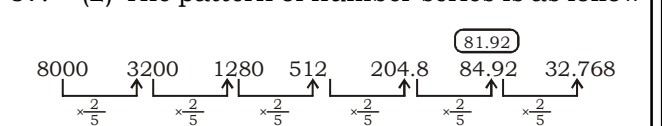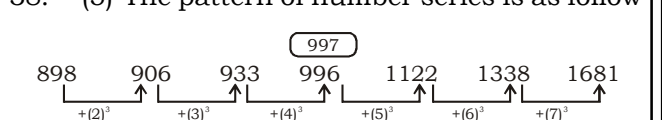
16. (5)

(17–20) :

More – Zo	Market – li	the/gains – do/o
Profit – Je	in – to	now – su
Making – Ka	Share – Vo	money – aa

17. (3)   18. (1)   19. (5)

20. (2)

(21–22) :

$ – ≤,	@ – >,	d – >
© – =	% – ≥	

21. (5) M < R ≤ T = N

   I. N > M True   II. T > M True

22. (4) B ≥ H ≤ W > M

   I. B > W False   II. M < H False

23. (2) K < M ≥ A > T

   I. K < A False   II. T < M True

24. (2) B ≤ P = R ≥ S

   I. P > S False   II. B ≤ R True

25. (2) H < J > K ≥ P

   I. H < P False   II. J > P True

26. (3) 42 ÷ 7 – 8 + 6 × 4 = 22

27. (2)   28. (4)

29. (3) 5 9 1 6 **4** 8 **2** 3
         9 8 6 5 **4** 3 **2** 1

30. (1)   31. (1)

32. (1) (17–8) ie. 9th from the left = M

33. (5) Exceple (5) in all others, the first and third elements are consecutive.

34. (3) (19–6) = 13th from the right end = V

35. (4)

Maths

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

   18530

   7   56   442   3089   18532   92647   370586
       ×9–7 ×8–6 ×7–5   ×6–4   ×5–3   ×4–2

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

   81.92

   8000   3200   1280   512   204.8   84.92   32.768
          $\times\frac{2}{5}$ $\times\frac{2}{5}$ $\times\frac{2}{5}$ $\times\frac{2}{5}$ $\times\frac{2}{5}$ $\times\frac{2}{5}$

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

   997

   898   906   933   996   1122   1338   1681
       $+(2)^3$ $+(3)^3$ $+(4)^3$ $+(5)^3$ $+(6)^3$ $+(7)^3$

39. (1) The pattern of number series is as follow

$4 = 4$

$(4 + 1^2) \times 11 = 55$

$(55 + 3^2) \times 9 = 576$

$(576 + 5^2) \times 7 = \textbf{4207}$ 4209

$(4207 + 7^2) \times 5 = 21280$

$(21280 + 9^2) \times 3 = 64083$

$(64083 + 11^2) \times 1 = 64204$

$\therefore$ Correct number = 4207

$\because$ 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

$\Rightarrow$ 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

$\Rightarrow$ 9 children × 360 days

= (10 children + 20 children + 10 children) × x days

$\Rightarrow$ 9 × 360 = 40 × x

$\therefore$ x = 81 days

42. (5) Let the speeds of the two trains be $4x$ and $5x$ km/h.

Then, $5x = \dfrac{250}{5} = 50$

$\Rightarrow$ $x = 10$

Speed of the first train = $4x$ = 40 km/h

43. (1) Circumference of circular plot

$= \dfrac{3300}{15} = 220$

$\Rightarrow$ $2 p r = 220$

$\therefore$ r $= \dfrac{220}{2 \times 22} \times 7 = 35$m

Total cost of flooring the plot

$= p r^2 \times 100 = \dfrac{22}{7} \times 35 \times 35 \times 100$

$= ₹\ 385000$

44. (5) Let fraction be $\dfrac{x}{y}$

According to the question,

$\dfrac{x \times 120\%}{y \times 125\%} = \dfrac{3}{5}$

$\Rightarrow \dfrac{x}{y} = \dfrac{3}{5} \times \dfrac{125}{120} = \dfrac{5}{8}$

45. (2) Let two digits number be $10x + y$

According to the question,

$10x + y - (10y + x) = 27$

$\Rightarrow$ $9x - 9y = 27$

$\therefore$ $x - y = 3$

Again, $x = 2k$ and $y = k$

$\therefore$ $2k - k = 3$

$\Rightarrow$ $k = 3$

Then, $x = 2 \times 3 = 6$

$y = 3$

$\therefore$ Number = $10 \times 6 + 3 = 63$

46. (5) Virar

47. (1) Required answer = 2006,

$\left[\dfrac{12.5 - 5.3}{5.3} \times 100 = 135.85\% \right]$

48. (2) Required difference = (14.5 – 6.6) × 100 = ₹7900

49. (5) Required percentage =

$\dfrac{9.8 \times 100}{1.1 + 2.1 + 1.8 + 3.6 + 5.5 + 7.8} \approx 45\%$

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

51. (2)

52. (2)

53. (4) Let the number be x.

$\therefore$ $17x - x = 1264$

$\Rightarrow$ $16x = 1264$

$\therefore$ $x = \dfrac{1264}{16} = 79$

54. (2) 8 pens + 5 pencils = 25 × 13 = 325

4 pens + 7 pencils = 21 × 11 = 231

$\therefore$ 12 pens + 12 pencils = 556

$\therefore$ Total cost of 18 pens and 18 pencils = 556

$\times \dfrac{3}{2}$ = ₹834

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

= 9 : 2

56. (1) Let the amount

$$\begin{array}{ccc} \dfrac{W^1}{18} & & \dfrac{W^2}{100} \\ & 28 & \\ 72 & & \textbf{10} \end{array}$$

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

58. (5) Data insufficient

59. (1) From statement I, $T = \dfrac{SI \times 100}{P \times R} =$

$\dfrac{6570 \times 100}{36500 \times 6} = 3$ years

60. (4) Suppose number is x.

From statement I, n

$x \times \dfrac{2}{5} = \dfrac{1}{2} \times 204 \Rightarrow x \times \dfrac{2}{5} = 102 \Rightarrow x = 255$

From statement II,

$x \times \dfrac{20}{100} = 51 \Rightarrow x = \dfrac{51 \times 100}{20}$

$\therefore 255$

61. (2) From statement II

Age of Raveena $= 45 \times \dfrac{3}{5} = 27$ year.

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

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

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

$= 3 \left(\dfrac{6 + 7 - 10}{12}\right) = 3\dfrac{1}{4}$

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 × $\dfrac{2}{7} \times \dfrac{3}{4}$

$= 4100 \times \dfrac{3}{14} \approx 293 \times 3 = 876 \approx 880$

67. (1) $389 \div (2.6 \times 6.9)$

$\approx 389 \div [2.6 \times 7]$

$389 \div 18 = 21.6 \approx 22$

68. (4)

69. (3) $\sqrt{746} \approx 27$;

$\sqrt{93} \approx 9.6$ and $\sqrt{25} = 5$

After calculation we get

$27 \times 9.6 \times 5 = 27 \times 48 = 1296 \approx 1300$

70. (2) $4563 \div 72$

Also, $72 \times 2.5 = 180$

ENGLISH LANGUAGE

86. (1) It should be 'sooner' in place of 'soon', because the right combination is 'The sooner ..... the better'.

87. (3) Replace 'devising' with 'to devise'.

88. (5)

89. (1) Delete 'for'.

90. (3) The right phrase is 'hand in hand', so replace 'to' with 'in'.

VOCABULARIES

Words	Meaning in English	Meaning in Hindi
Thawing	(of ice, snow, or another frozen substance, such as food) become liquid or soft as a result of warming.	विगलन
Shrunk	To become smaller in amount, size, or value	संकुचित होना, घाट जाना
Widespread	Existing or happening over a large area or among many people.	व्यापक
Disruption	To interrupt the normal progress or activity of (something)	विघ्न
Steadily	Gradually and in an even and regular way	निरंतर
Planetary	Relating to a planet or planets	भूमण्डलीय
Scorching	Very hot	झुलसानेवाला
Catastrophic	(of a natural event) causing a lot of damage and suffering	विनाशकारी
Flora and fauna	Plants and animals of a place	वनस्पति और जीव
Desolating	(of a place) empty and without people, making you feel sad or frightened.	वीरान, निर्जन
Imminent	(especially of something unpleasant) likely to happen very soon.	निकटस्थ
Overhaul	An examination of a machine or system, including doing repairs on it or making changes to it.	निरिक्षण करना
Receding	To grow less or smaller	कम होना
Nurture	The care and attention given to someone or something that is growing or developing.	विकसित करना
Congregation	A group of people who regularly attend a particular place of worship.	धार्मिक सभा, समागम
Brethren	Used to talk to people in church or to talk about the members of a male religious group.	भाई
Visionary	Having or showing clear ideas about what should happen or be done in the future.	काल्पनिक
Discerning	Able to show good judgement about the quality of somebody/something.	विवेकी
Exodus	A situation in which many people leave a place at the same time.	निर्गमन, कूच
Intricate	Having a lot of different parts and small details that fit together.	पेचीदा, गूढ़

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SBI CLERK PHASE - I MOCK TEST - 47 (ANSWER KEY)

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

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