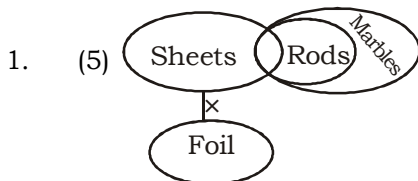
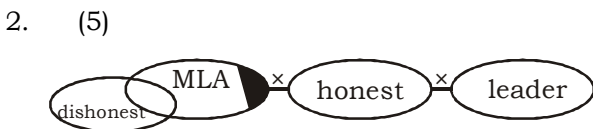


SBI CLERK PHASE - I MOCK TEST-43 (SOLUTION)

REASONING



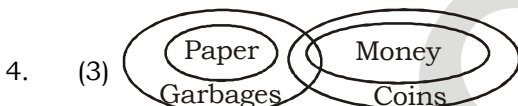
- I. × II. ✓
III. × IV. ✓



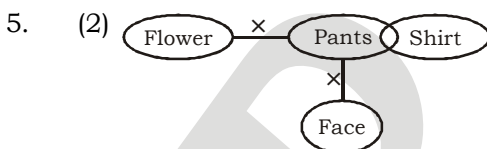
- I. × II. ×
III. × IV. ×



- I. × II. -
III. × IV. -



- I. - II. ✓
III. - IV. -



- I. - II. -
III. ✓ IV. ✓

(6-10):

Z, W/Q, Y, A, R, C, X, B, S, P, D, Q/W

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

11. (5) Really

12. (1) **From II** : Y's gender is not clear. Thus, she may be father or mother.

From I : Y is wife of X, thus, mother.

13. (4) Statement I eliminates R, while statement II eliminates P and Q, we are not sure whether it is T or V.

14. (3) **From I** : $B > A$ and $B > C$ and D
B is the tallest

From II : $A > D$ and $B > A, C$

So, $B > D$ also

B is the tallest.

15. (4)

16. (1) $Z \geq Y = X > P > Q \leq R$

17. (4) $Y = X > Z, S \leq T, P > Q$

18. (4) $S \leq T = W > R$

II. $S < W$, can't say definitely.

19. (3) 20. (1)

(21 - 25) : Clearly, in the given arrangement number that are multiples of 3 are arranged first, in ascending order; followed by multiples of 7 in ascending order.

21. (3) Step II : 51 69 49 87 93 77 70 56

Step III : 51 69 87 49 93 77 70 56

Step IV : 51 69 87 93 49 77 70 56

Step V : 51 69 87 93 49 56 77 70

22. (4) Previous steps can't be determined in these types.

23. (1) **Input** : 91 276 35 249 553 511 201 183

Step I : 183 91 276 35 249 553 511 201

Step II : 183 201 91 276 35 249 553 511

Step III : 183 201 249 91 276 35 553 511

Step IV : 183 35 553 201 276 249 511 91

Step I : 183 201 35 553 276 249 511 91

Step II : 183 201 249 35 553 276 511 91

Step III : 183 201 249 276 35 553 511 91

Step IV : 183 201 249 276 35 91 553 511

Step V : 183 201 249 276 35 91 511 553

Since all the numbers get arranged in Step V according to the logic above, final output comes in Step V.

25. (1) Step I: 15 287 93 69 427 371
497 51
Step II: 15 51 287 93 69 427 371
497
Step III: 15 51 69 287 93 427 371
497
Step IV: 15 51 69 93 287 427 371
497

(26-30) :

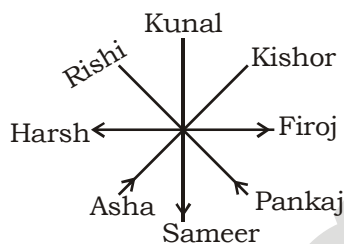
they - ho,	are - na,	very - pa
intelligent - la		you - sa
welcome - pit		student - od
who/is - ka/da		

26. (1)
27. (1)
28. (1)

29. (4) $\overbrace{\text{C O M M U N I C A T I O N}}^{\text{C O M M U N I C A T I O N}}$

30. (1) 21 O 3 I 7 E 10 10 A 39
p $21 \div 3 \times 7 - 10 + 39 = 78$

(31-35) :



31. (4) 32. (3) 33. (1)
34. (1) 35. (2)

Maths

36. (5) $? = 3^3 \div 3^7 \times (27)^2 \times 11.25 + \frac{75 \cdot 45}{100} \div \frac{5}{8}$
 $= 101.25 + 33.75 = 135$
37. (3) $\frac{144 \cdot 185}{100} - \frac{44 \cdot 85}{100} = 266.4 - 37.4 = 229$
 $= 229 - 200 = 29$
38. (4) $(17.35)^2 - (8.85)^2 = (17.35 + 8.85)(17.35 - 8.85)$
 $= 26.2 \times 8.5$
 $= 22.7$
39. (4) $\frac{3237}{13} + \frac{3 \cdot 5362}{14} + \frac{200 \cdot 1}{100}$
 $= 249 + 1149 + 2 = 1400$
□ $? = 1400 - 1335 = 65$
40. (2)
41. (1) $? = (7895641 \div 2795 \div 123) \times 345 \div 456$
 $\gg 23 \times 0.75$
 $\gg 17$

42. (4) $? = 3945 + 150 \times 40 - 35.5$
 $\gg 9945 - 35.5 = 9909.5 \gg 9900$
43. (1) $? = (63)^2 \times 3.545$
 $= 3969 \times 3.545$
 $= 14070.10 \gg 14070$
44. (3) $? = 13 \times 3.5 \times 0.07 \div (1.7)^2$
 $= 13 \times 3.5 \times 0.07 \div 2.89$
 $= 13 \times 3.5 \times 0.024$
 $= 13 \times 0.084 \gg 1$
45. (3)
46. (2) 2 6 13 26 **54** 100 197
Here $2 \times 2 + 2 = 6$ $6 \times 2 + 1 = 13$
 $13 \times 2 + 0 = 26$; $26 \times 2 - 1 = 51$;
 $51 \times 2 - 2 = 100$; $100 \times 2 - 3 = 197$
47. (4) 56 57 48 73 24 105 - **10**
Here $56 + 1^2 = 57$; $57 - 3^2 = 48$;
 $48 + 5^2 = 73$; $73 - 7^2 = 24$;
 $24 + 9^2 = 105$; $105 - 11^2 = -16$
48. (4)
49. (1) 1 8 66 **460** 2758 13785 55146
Here $1 \times 9 - 1 = 8$; $8 \times 8 + 2 = 66$;
 $66 \times 7 - 3 = 459$;
 $459 \times 6 + 4 = 2758$; $2758 \times 5 - 5 = 13785$;
 $13785 \times 4 + 6 = 55146$
50. (2) 3 1 3, **0.7** 3 0.6 3
Here $3 \times \frac{1}{3} = 1$; $1 \times 3 = 3$; $3 \times \frac{1}{4} = 0.75$;
 $0.75 \times 4 = 3$; $3 \times \frac{1}{5} = 0.6$; $0.6 \times 5 = 3$
 $3 \times \frac{1}{6} = 0.5$; $0.5 \times 6 = 3$
51. (3) Time = $\frac{\text{₹} 35 - 30}{\text{₹} 30 \cdot 10 - 35 \cdot 8} \times 100$
 $= \frac{5}{300 - 280} \times 100 = \frac{5}{20} \times 100 = 25$ years
52. (3) $A = P \left[\frac{r_1}{100} + \frac{r_1}{100} + \frac{r_2}{100} + \frac{r_2}{100} + \frac{r_3}{100} \right]$
p $12945.93 = P \left[\frac{7}{100} + \frac{7}{100} + \frac{9}{100} + \frac{9}{100} + \frac{11}{100} \right]$
p $12945.93 = P \left[\frac{107}{100} + \frac{109}{100} + \frac{111}{100} \right]$
□ $P = \frac{100}{107} \times \frac{100}{109} \times \frac{100}{111} \times 12945.93$
 $P = 100 \times 100 \times 100 \times 0.01 = 10000$
53. (2) Number of days = $\frac{(x - a)y}{x + y}$
(Where $x = 36$, $y = 24$, $a = 6$)
 $= \frac{30 \cdot 24}{60} = 12$

54. (3) Let the distance be x km.

While going time taken by him = $\frac{x}{25}$

When coming time taken by him = $\frac{x}{15}$

$$\frac{x}{25} + \frac{x}{15} = 8$$

▷ $\frac{3x+5x}{75} = 8$

□ $x = 75$

□ Total distance travelled = $75 \times 2 = 150$

55. (1) Original price = $\frac{9600 \times 100}{100 - 20} = \frac{960000}{80}$
= 12000

Let the selling price be x .

▷ $x = 12000 \times \frac{118}{100}$

= 14160

56. (5) Both the statements together are not sufficient.

57. (5)

58. (5)

59. (1) Statement I alone is sufficient as in the two digit multiples of 8, only 64 has the digit sum = 10.

Statement II alone is not sufficient as the number can be 32, 64 and 96.

60. (1) Statement I alone is sufficient but statement II alone is not sufficient.

61-65:

61. (5) Required percentage

$$= \frac{34}{(15+19+24+21+34+27)} \times 100$$

$$= \frac{34}{140} \times 100 \approx 24$$

62. (5) Required difference = $(27 - 21) \times 10^3 = 6000$

63. (4) Required average

$$= \frac{35+21+19+32+26+20}{6} \times 10^3$$

$$= \frac{153}{6} \times 10^3 = 25500$$

64. (1) Required% = $\frac{34}{20} \times 100 = 170\%$

65. (1)

Mumbai	Delhi	Kolkata	Chennai	Hyderabad	Lucknow
114	110	113	133	127	123

(66-70):

66. (4) Average number of players who play football and rugby together = $\frac{1}{2} \times 30\%$ of 4200 = 630

67. (1) Number of female players who play lawn tennis = 22% of 2000 = 440
Number of male players who play rugby = 13% of 4200 - 10% of 2000 = 546 - 200 = 346
required difference = 440 - 346 = 94

68. (3) Number of female players who play cricket = 40% of 200 = 80
Number of male players who play hockey = 10% of 4200 - 15% of 2000 = 420 - 300 = 120
Required ratio = 800 : 120 = 20 : 3

69. (2) Required number of male players who play football, cricket and lawn tennis together = 77% of 4200 - 75% of 2000 = 3234 - 1500 = 1734

70. (1) Male players who play rugby = 13% of 4200 - 10% of 2000 = 546 - 200 = 346

$$\text{Required percentage} = \frac{346}{25\% \text{ of } 4200} \times 100 \approx 33\%$$

VOCABULARIES

Words	Meaning in English	Meaning in Hindi
Yo-yo	Changing repeatedly in size, amount, quality, etc. from one extreme to another.	बार-बार बदलना
Phase out	An act of discontinuing a process, project, or service in phases.	धीरे-धीरे कम होना
Fizzle out	To gradually become less successful and end in a disappointing way.	हत्तोसाहित होना
Pump someone up	To make somebody feel more excited or determined	बढ़ावा देना, प्रेरित करना
Ill advised	Not sensible; likely to cause difficulties in the future	विवेक हीन
Encountering	To experience something, especially something unpleasant or difficult.	सामना होना
Dead end	A point at which you can make no further progress in what you are doing.	गतिरोध, चरम अंत
Perpetual	Happening all the time or very often	निरंतर
Summon	To make an effort to produce a particular quality	बटोरना
Subconscious	The part of your mind that contains feelings that you are not aware of.	अवचेतन मन
Convey	To make ideas, feelings, etc. known to somebody	व्यक्त करना
Astounding	So surprising that it is difficult to believe	विस्मयकारक
Fatalities	A death resulting from an accident or a disaster	मौत की घटनाएं
Sets in	To begin and seem likely to continue.	आरंभ होना
Come up with	To find or produce an answer.	हल ढूँढना
Upstream	Against the tradition or fashion.	प्रचलन के विपरीत


KD Campus
KD Campus

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

SBI CLERK PHASE - I MOCK TEST - 43 (ANSWER KEY)

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