SBI CLERK (PHASE - II) MOCK TEST-49 (SOLUTION)

GENERAL AWARENESS

1.	(5)	2.	(3)	3.	(3)
4.	(2)	5.	(4)	6.	(3)
7.	(2)	8.	(3)	9.	(3)
10.	(3)	11.	(4)	12.	(3)
13.	(2)	14.	(1)	15.	(3)
16.	(1)	17.	(4)	18.	(5)
19.	(2)	20.	(4)	21.	(4)
22.	(2)	23.	(4)	24.	(5)
25.	(5)	26.	(3)	27.	(4)
28.	(2)	29.	(4)	30.	(2)
31.	(1)	32.	(3)	33.	(1)
34.	(4)	35.	(5)	36.	(4)
37.	(3)	38.	(1)	39.	(4)
40.	(5)	41.	(3)	42.	(3)
43.	(5)	44.	(4)	45.	(2)
46.	(5)	47.	(1)	48.	(3)
49.	(4)	50.	(1)		

ENGLISH LANGUAGE

51. (2)
52. (5) The expertise of Indians being deposited abroad.
53. (1)
54. (3) It is unlikely that these talented youngsters will come back to India.
55. (4)
56. (2)
57. (2) In America they found elbow room, books and facilities not available here.
58. (4)
59. (2)

60.	(4)	61.	(5)	62.	(3)
63.	(1)	64.	(2)	65.	(4)
66.	(3)	67.	(5)	68.	(1)
69.	(4)	70.	(2)	71.	(3)
72.	(1)	73.	(5)	74.	(2)
75.	(4)	76.	(4)	77.	(3)
78.	(1)	79.	(1)	80.	(5)
81.	(5)	82.	(2)	83.	(3)
84.	(4)	85.	(1)		

(86-90) : G D A E C B F

86.	(3)	87.	(4)	88.	(4)
89.	(3)	90.	(2)		

MATHS

91. (4) Speed of train = $\frac{320}{50}$ = 6.4 m/sec.
92. (2) Let the number of all sweats be x.
Now, according to the question,

$$\frac{x}{280} - \frac{x}{420} = 1$$

$$\Rightarrow \frac{3x - 2x}{840} = 1$$

$$\Rightarrow x = 840$$

$\therefore$ Required answer = $\frac{840}{420} = 2$

(93-97) :

93. (5) Required ratio = (15 + 20) : (10 + 26) = 35 : 36
94. (2) Required percentage = $\frac{23}{98} \times 100 = 23$
95. (2) It is obvious from the table.
96. (1) Required number of persons interviewed = 101
97. (5) Percentage increase = $\frac{25 - 18}{18} \times 100 \approx 39\%$
98. (1) The word VISITING has 8 letters in which I comes thrice.

$\therefore$ Number of arrangements = $\frac{8!}{3!} = 8 \times 7 \times 6 \times 5 \times 4 = 6720$

(99-104) :

99. (2) Number of students who opted for dancing = $\frac{1800 \times 38}{100} = 684$
100. (3) Required ratio = 32 : 10 = 16 : 5
101. (4) Required percentage = $\frac{8 - 5}{5} \times 100 = 60\%$
102. (1) Number of students who opted for cricket and paining = $\frac{1800 \times (32 + 7)}{100} = 702$
103. (1) Required percentage = $\frac{45 - 40}{40} \times 100$

$= \frac{5}{40} \times 100 = 12.5$

104. (4) Required ratio = 48 : 32 = 3 : 2

(105–109) :

105. (1) ? = $\frac{6255.22}{18.5 \times 21.4} = 15.8$
106. (2) ? = $\frac{1.5 \times 78}{0.5} = 234$

107. (4) 302.46 + 395.72 – 123.47 = 698.18 – 123.47 = 574.71

108. (3) $\sqrt[3]{?} = \sqrt[3]{4096} \div \sqrt[3]{64} = \sqrt[3]{16 \times 16 \times 16} \div \sqrt[3]{4 \times 4 \times 4} = 16 \div 4 = 4$

$\therefore 4 \times 4 \times 4 = 64$

109. (4) $\frac{800 \times ?}{100} = 293 - \frac{750 \times 22}{100}$

$\Rightarrow 8 \times ? = 293 - 165 = 128$

$\Rightarrow ? = \frac{128}{8} = 16$

110. (2) Females in company P = $\frac{5}{12} \times 1200 = 500$

Females in company L = $400 \times \frac{8}{20} = 160$

$\therefore$ Required percentage = 500 : 160 = 25 : 8

111. (3) Required percentage = $\frac{12}{25} \times 100 = 48$

112. (1) Required average = $\frac{4000}{5} = 800$

113. (2) Females in company M = $\frac{7}{12} \times 600 = 150$

114. (3) Males in company N and company P

$= \frac{4}{5} \times 800 + 1200 \times \frac{7}{12} = 640 + 700 = 1340$

115. (2) ? » $(13.001)^3$ » $(13)^3$ » 2197 » 2200

116. (4) ? » 55 × 55 + 5 » 3025 + 5 » 3030

117. (1) ? » $\frac{100 \times 50}{100} \div 50$ » 1

118. (1) ? » 999 + 900 – 350 » 1549

119. (5) ? » $23 \times (2)^{-2} \div (4)^{-4}$

» $\frac{2}{(4)^{-4}}$ » 2×2^8 » 2^9 » 512

120. (1) Required average = $\frac{35 + 45 + 35 + 40 + 50}{5}$

$= \frac{205}{5}$ = 41 thousand

121. (1) Required ratio = 35 : 30 = 7 : 6

122. (5) Percentage sale :

Company P $\Rightarrow \frac{20}{35} \times 100 = 57$

Company Q $\Rightarrow \frac{30}{45} \times 100 = 66.7$

Company R $\Rightarrow \frac{25}{35} \times 100 = 71.4$

Company S $\Rightarrow \frac{35}{40} \times 100 = 87.5$

Company T $\Rightarrow \frac{35}{50} \times 100 = 80$

123. (2) Required average = $\frac{150}{5}$ = 30 thousands

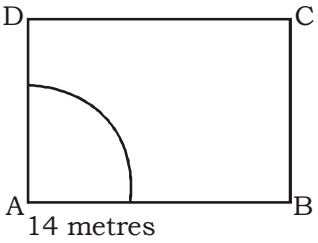
124. (1) Required ratio = 35 : 40 = 7 : 8

125. (1) Total possible outcomes = $^{52}C_1 = 52$

Favourable outcome = 2

$\therefore$ Required probability = $\frac{2}{52} = \frac{1}{26}$

126. (1)



Required area = $\frac{1}{4} \times pR^2$

$= \frac{1}{4} \times \frac{22}{7} \times 14 \times 14 = 154$ sq metres

127. (1) Let Farah's age 8 years ago be x years.

Farah's present age = $(x + 8)$ years

Now, according to the question,

$x + 8 = \frac{9x}{7} \Rightarrow 7x \div 56 = 9x$

$\Rightarrow 2x = 56 \quad \therefore x = 28$

Farah's present age = (28 + 8) = 36 years

3 years ago of daughter = 3 years.

128. (4) CP of 40 kg of mixture ₹ [(25 × 32)] + (15 × 36)] = ₹ (800 + 540) = ₹ 1340

SP of 40 kg of mixture = ₹ (40 × 40.2) = ₹ 1608

Profit = ₹ (1608 – 1340) = ₹ 268

Profit % = $\frac{268}{1340} \times 100 = 20\%$

129. (1) I. $x^2 + 5x + 6 = 0$

$\Rightarrow x^2 + 2x + 3x + 6 = 0$

$\Rightarrow x(x + 2) + 3(x + 2) = 0$

$\Rightarrow x = -3, -2$

II. $y^2 + 7y + 12 = 0$

$\Rightarrow y^2 + 4y + 3y + 12 = 0$

$\Rightarrow y(y + 4) + 3(y + 4) = 0$

$\Rightarrow y = -3, -4$

$\therefore x > y$

130. (4) I. $x^2 + 20 = 9x$

$\Rightarrow x^2 - 9x + 20 = 0$

$\Rightarrow x^2 - 5x - 4x + 20 = 0$

$\Rightarrow x(x - 5) - 4(x - 5) = 0$

$\Rightarrow x = 4, 5$

II. $y^2 + 42 = 13y$

$\Rightarrow y^2 - 13y + 42 = 0$

$\Rightarrow y^2 - 7y - 6y + 42 = 0$

$\Rightarrow y(y - 7) - 6(y - 7) = 0$

$\Rightarrow y = 6, 7$

$\therefore x < y$

131. (4) $2x + 3y = 14$ ....(i)
$4x + 2y = 16$ ....(ii)
Multiply (i) by 2 and subtract (i) and (ii)

$$\begin{array}{r} 4x + 6y = 28 \\ \underline{-4x \pm 2y = \pm 16} \\ 4y = 12 \end{array}$$

$\therefore y = 12$

Put the value of y in (i),
$2x + 9 = 14$

$\Rightarrow x = \frac{5}{2}$

$\therefore x < y$

132. (4) I. $x = \sqrt{625}$
$\Rightarrow x = 25$
II. $y = \sqrt{676}$
$\Rightarrow y = 26$
$\therefore x < y$

133. (4) I. $x^2 + 4x + 4 = 0$
$\Rightarrow x^2 + 2x + 2x + 4 = 0$
$x(x + 2) + 2(x + 2) = 0$
$\Rightarrow x = -2, -2$
II. $y^2 - 8y + 16 = 0$
$\Rightarrow y^2 - 4y - 4y + 16 = 0$
$\Rightarrow y(y - 4) - 4(y - 4) = 0$
$\Rightarrow y = 4, 4$
$\therefore x < y$

134. (2) The pattern is as given below :
$3523 - 3459 = 64 = 4^3$
$3459 - 3243 = 216 = 6^3$
$\therefore ? = 3243 - 8^3 = 3243 - 512 = 2731$
$2731 - 1731 = 1000 = 10^3$
$1731 - 3 = 1728 = 12^3$

135. (3) The pattern is as given below :
$10 \times 2 - 2 = 20 - 2 = 18$
$18 \times 2 - 2 = 36 - 2 = 34$
$34 \times 2 - 2 = 68 - 2 = 66$
$66 \times 2 - 2 = 132 - 2 = 130$

136. (3) The pattern is as given below :
$4 \times 2 + 2 = 10$
$10 \times 3 + 3 = 33$
$33 \times 4 + 4 = 136$
$136 \times 5 + 5 = 680 + 5 = 685$

137. (3) The pattern is as given below :
$4000 \div 5 = 800$, $800 \div 2 = 400$
$400 \div 5 = 80$, $80 \div 2 = 40$
$40 \div 5 = 8$

138. (4) The pattern is as given below :
$3 \times 1 + 1^3 = 4$
$4 \times 2 + 2^3 = 8 + 8 = 16$
$16 \times 3 + 3^3 = 48 + 27 = 75$
$75 \times 4 + 4^3 = 300 + 64 = 364$
$364 \times 5 + 5^3 = 1820 + 125 =$ **1945**

139. (3) $\pi R^2 = 7 \times 2\pi R \Rightarrow R = 14$

$\therefore$ Circumference of circle $= 2\pi R = 2 \times \frac{22}{7} \times 14 = 88$ units

140. (1) Let the principal be ₹ x
Now, according to the questions,

$$x\left(1 + \frac{15}{100}\right)^3 - x = \frac{650052}{100}$$

$$\Rightarrow x \times \frac{23}{20} \times \frac{23}{20} \times \frac{23}{20} - x = \frac{650052}{100}$$

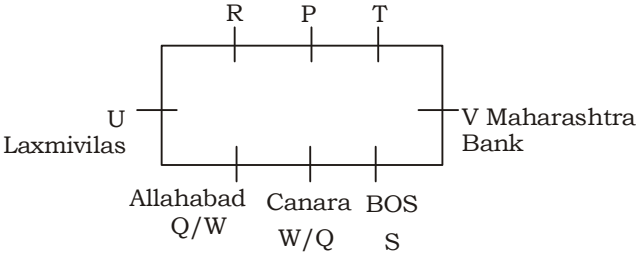
$x =$ ₹ 12480

REASONING

(141-145) :

141. (4)
142. (1)
143. (2)
144. (5)
145. (1)

(146-150) :

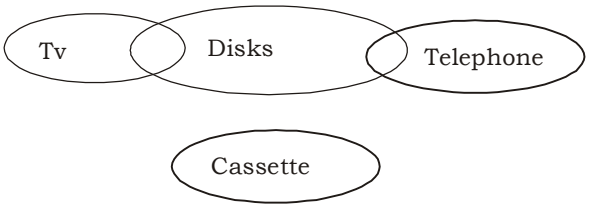


City of P, R & T is not confirm Q or W is either form Allahabad bank or Canara bank

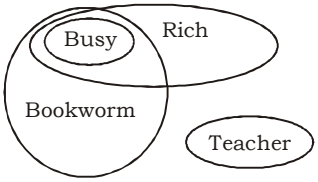
146. (4) 147. (2) 148. (1)
149. (5) 150. (4) 151. (2)
152. (4) 153. (3) 154. (1)
155. (1)

(156-160):

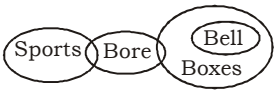
156. (3) Only III Follows.



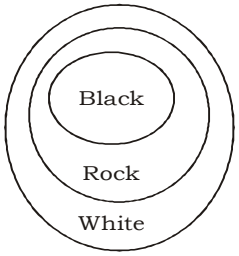
157. (2) Only II follows.



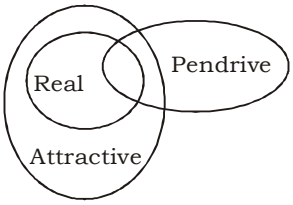
158. (4) None Follows.



159. (4) Neither I Nor II follows.

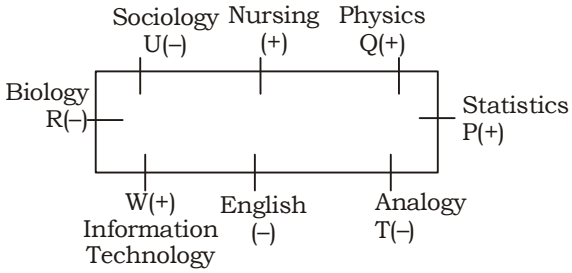


160. (4) Neither I Nor II follows.

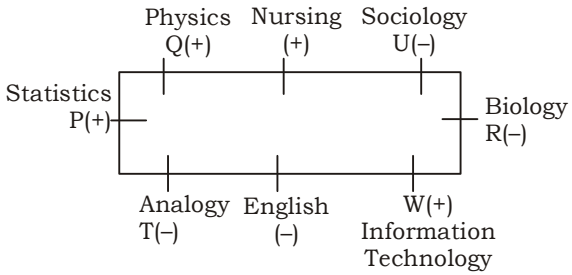


(161-165): (+) ⇒ male, (–) ⇒ female

Case I:



Case II:



161. (4) Since the gender of S and V is not confirm.

162. (1)

163. (2)

164. (3)

165. (4)

(166-170):

Here the rule followed is:

Step I: The smallest number becomes first and the remaining numbers shift one position towards right.

Step II: The largest number among given numbers becomes last and the remaining numbers shift one position towards left.

These steps are repeated alternatively till all the numbers get arranged in ascending order and so on, it will make the last step for the particular input.

166. (5)

167. (4)

168. (3)

Input: 45, 78, 97, 132, 28, 16, 146, 54, 99, 112
Step I: 16, 45, 78, 97, 132, 28, 146, 54, 99, 112
Step II: 16, 45, 78, 97, 132, 28, 54, 99, 112, 146
Step III: 16, 28 45, 78 97, 132, 54, 99, 112, 146

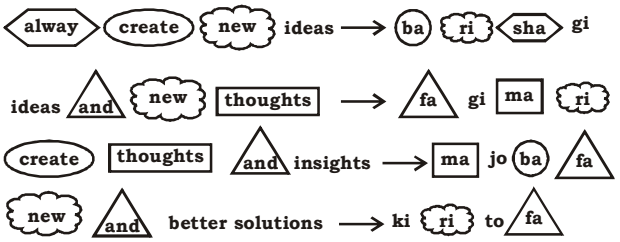
169. (5)

Step II: 22, 49, 32, 88, 69, 132, 101, 185
Step III: 22, 32, 49, 88, 69, 132, 101, 185
Step IV: 22, 32, 49, 88, 69, 101, 132, 185
Step V: 22, 32, 49, 69, 88, 101, 132, 185

Hence, Step III will be same as Step I and in step IV, as the largest number is already at the end, second largest will come just one position ahead of the largest one.

170. (2)

(171–175):



171. (3) The code for 'ideas' is 'gi'

172. (4) The code 'fa' stands for 'and'

173. (2) fa ⇒ and

lo ⇒ may be code for innovate

ba ⇒ create

174. (2) The code for 'new' is 'ri'

175. (4) insights ⇒ jo

always ⇒ sha

better ⇒ ki/to

176. (4)	177. (4)	178. (1)
179. (4)	180. (5)	181. (2)
182. (2)	183. (2)	184. (2)
185. (2)	186. (2)	187. (4)
188. (2)	189. (1)	190. (2)

VOCABULARIES

Words	Meaning in English	Meaning in Hindi
Outperform	Perform better than something	बेहतर प्रदर्शन करना
Perception	An idea, a belief or an image you have as a result of how you see or understand something.	छवि
Excelling	Be exceptionally good at or proficient in an activity or subject.	श्रेष्ठ होना
Counterparts	A person or thing that has the same position or function as somebody/something else in a different place or situation.	समकक्ष
Accomplishments	Something that has been achieved successfully	उपलब्धि
Elbow room	Enough space to move or walk in	पर्याप्त जगह
Conformity	Compliance with standards, rules, or laws.	अनुरूपता
Ramification	A consequence of an action or event, especially when complex or unwelcome.	विस्तार, परिणाम
Intellect	The faculty of reasoning and understanding objectively, especially with regard to abstract or academic matters.	समझ, ज्ञान
Undertones	A subdued or muted tone of something	मंद स्वर, छुपा अर्थ
Utopian	modeled on or aiming for a state in which everything is perfect; idealistic.	आदर्श/काल्पनिक स्थिति
Dictating	Laying down authoritatively; prescribe	हुक्म देना
Paling	Seeming less impressive or important	कम प्रभावशाली
Divergence	A difference in opinions, views, etc	अंतर, फर्क
Devoid of	Entirely lacking or free from	वंचित
Diktat	An order given by a government	सरकारी हुक्म
Stalemate	A disagreement or a situation in a competition in which neither side is able to win or make any progress.	गतिरोध
Lion's share	The largest or best part of something when it is divided	हिस्से का बड़ा भाग

SBI CLERK (PHASE - II) MOCK TEST-49 (SOLUTION)

1. (5)	41. (3)	81. (5)	121. (1)	161. (4)
2. (3)	42. (3)	82. (2)	122. (5)	162. (1)
3. (3)	43. (5)	83. (3)	123. (2)	163. (2)
4. (2)	44. (4)	84. (4)	124. (1)	164. (4)
5. (4)	45. (2)	85. (1)	125. (1)	165. (5)
6. (3)	46. (5)	86. (3)	126. (1)	166. (5)
7. (2)	47. (1)	87. (4)	127. (1)	167. (4)
8. (3)	48. (3)	88. (4)	128. (4)	168. (3)
9. (3)	49. (4)	89. (3)	129. (1)	169. (5)
10. (3)	50. (1)	90. (2)	130. (4)	170. (2)
11. (4)	51. (2)	91. (4)	131. (4)	171. (3)
12. (3)	52. (5)	92. (2)	132. (4)	172. (4)
13. (2)	53. (1)	93. (5)	133. (4)	173. (2)
14. (1)	54. (3)	94. (2)	134. (2)	174. (2)
15. (3)	55. (4)	95. (2)	135. (3)	175. (4)
16. (1)	56. (2)	96. (1)	136. (3)	176. (4)
17. (4)	57. (2)	97. (5)	137. (3)	177. (4)
18. (5)	58. (4)	98. (1)	138. (4)	178. (1)
19. (2)	59. (2)	99. (2)	139. (3)	179. (4)
20. (4)	60. (4)	100. (3)	140. (1)	180. (5)
21. (4)	61. (5)	101. (4)	141. (4)	181. (2)
22. (2)	62. (3)	102. (1)	142. (1)	182. (2)
23. (4)	63. (1)	103. (1)	143. (2)	183. (2)
24. (5)	64. (2)	104. (4)	144. (5)	184. (2)
25. (5)	65. (4)	105. (1)	145 (1)	185. (2)
26. (3)	66. (3)	106. (2)	146. (4)	186. (2)
27. (4)	67. (5)	107. (4)	147. (2)	187. (4)
28. (2)	68. (1)	108. (3)	148. (1)	188. (2)
29. (4)	69. (4)	109. (4)	149. (5)	189. (1)
30. (2)	70. (2)	110. (2)	150. (4)	190. (2)
31. (1)	71. (3)	111. (3)	151. (2)	
32. (3)	72. (1)	112. (1)	152. (4)	
33. (1)	73. (5)	113. (2)	153. (3)	
34. (4)	74. (2)	114. (3)	154. (1)	
35. (5)	75. (4)	115. (2)	155. (1)	
36. (4)	76. (4)	116. (4)	156. (3)	
37. (3)	77. (3)	117. (1)	157. (2)	
38. (1)	78. (1)	118. (1)	158. (4)	
39. (4)	79. (1)	119. (5)	159. (4)	
40. (5)	80. (5)	120. (1)	160. (4)	

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