

SBI CLERK Preliminary Grand Test –SCP-180558

HINTS & SOLUTIONS

ANSWER KEY

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

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1. (5) 'generated, tapping' is the correct use.
Generated – to produce or create.
Tapping – to exploit or draw a supply from (a resource).
2. (4) 'penetration, accessing' is the correct use.
Penetration - go into or through (something).
Accessing – to obtain or retrieve (computer data or a file)
3. (1) 'collision, drops' is the correct use.
Collision -an instance of two or more records being assigned the same identifier or location in memory.
Drops- an instance of falling or dropping.
4. (3) 'experience, volatility' is the correct use.
Experience-encounter or undergo (an event or occurrence).
Volatility- likely to change suddenly.
5. (2) 'slowdown, across' is the correct use.
Slowdown- an act of slowing down.
6. (3) 7. (5)
 8. (4) 9. (3) 10. (5)
11. (5) The sentence is grammatically correct.
12. (1) 'accustomed to' will be used in place of 'accustomed with' as preposition 'to' is used after 'accustomed, habituated, addicted, committed, devoted, confined'.
 Ex. She is accustomed to hard work.
13. (2) Use 'is' in place of 'are' as after 'each of, either of, neither of', plural noun or pronoun and singular verb is used.
 Ex. Each of these girls is beautiful.
14. (2) 'asked me if' will be used in place of 'asked me that if' because in Indirect question, 'that' or 'as to' is not used after 'if/ whether/ who/ which/ what/ where/ whose/ whom'.
 Ex. She asked me why I was angry.
15. (2) 'has' will be used in place of 'have' as singular countable noun and singular verb is used after 'many a/ many an'.
 Ex. Many a man has been arrested.
 Many an elephant has died here.
16. (2) Use 'yourselves' in place of 'yourself' as if 'you' is used in singular form then its reflexive/ Emphatic Pronoun 'yourself' is used but in plural form, its reflexive/ Emphatic pronoun 'yourselves' is used.
 Ex. You hurt yourself.
 All of you hurt yourselves.
17. (1) 'The first two chapters' will be used in place of 'The two first chapters' as ordinal adjective (like...first, second...next, last etc.) is used first then after that cardinal adjective is used (one, two, three, four etc.)
 Ex. The first five chapters of this book.
18. (2) 'your' will be used in place 'your's' because 'your' is a possessive adjective with which the use of 's' is superfluous.
19. (3) 'you submit' will be used in place of 'you do not submit' as 'not' is not used with 'unless, until, lest'.
20. (5) The sentence is grammatically correct.
21. (3) Refer to the third paragraph of the passage. "The basic objectives of Rural Development Programmes have been alleviation of poverty and unemployment through creation of basic social and economic infrastructure, provision of training to rural unemployed you."
22. (1) **Alleviation** means to make (pain, for example) less intense or more bearable. So, mitigation is the word which is similar in meaning to it.
23. (4) **Propagation** means the process of spreading to a larger area or greater number. So, underdevelopment is the word which is opposite in meaning to it.
24. (3) Refer to the first paragraph of the passage. "People's participation is one of the foremost prerequisites of development process both from procedural and philosophical perspectives."
25. (4) The passage says "Though the 11th Plan began in very favourable circumstances with the economy having grown at the rate of 7.7% per year in the 10th Plan period, there still existed a big challenge to correct the developmental imbalances and to accord due priority to development in rural areas." So, only (B) option is true.
26. (1) **Touchstone** means an excellent quality or example that is used to test the excellence or genuineness of others. So, yardstick is the word which is similar in meaning to it.
27. (5) The passage says "There is no industry-linkage machinery to create demand-based-technology market

for rural communities. Besides, there is also an imbalance between strategies and effective management programmes. Propagation of technology/schemes for rural development is slow and there is a lacking in wider participation of different stakeholders." So, all the given options are true.

28. (3) 'Rural Development—The Participative Way' is the most appropriate title of the passage.

29. (4) Refer to the last paragraph of the passage "there still remains much more to be done to bring prosperity in the lives of the people in rural areas. At present, technology dissemination is uneven and slow in the rural areas. Good efforts of organisations developing technologies, devices and products for rural areas could not yield high success." So, all the given options are true.

30. (2) **Equitable** means fair and impartial. So, unfair is the word which is opposite in meaning to it.

31. (2) $\frac{8}{5} \times \frac{50}{9} \times ? = 640$
 $?\ = \frac{640 \times 9 \times 5}{8 \times 50}$
 $?\ = 72$

32. (3) $45\% \text{ of } 720 + 65\% \text{ of } 320 = ?$
 $?\ = 324 + 208 = 532$

33. (4) $?\ = 802.005 - 488.471 = 313.534$

34. (4) $?\ \times (5 + 6) = 112 + 135 - 49$
 $?\ = \frac{247 - 49}{11}$
 $?\ = \frac{198}{11} = 18$

35. (1) $(10)^{2-?} = \frac{10^2}{(0.1)^3} \times \frac{(0.01)^2}{10^3}$
 $= \frac{10^2 \times 10^3}{100^2 \times 10^3} = \frac{1}{10^2}$
 $= 10^{-2}$
 $2 - ? = -2$
 $?\ = 4$

36. (2) Increase in height = $15\% = \frac{3}{20}$

Decrease in base radius

$= 10\% = \frac{1}{10}$

	Initial	Final
Radius	10	9
Height	20	23
Area	200	207

+7 units

$= \frac{7}{200} \times 100 = 3.5\%$

Or,

C.S.A of cylinder = $2\pi rh$

\therefore Change in its C.S.A = $\frac{+15 - 10 - \frac{10 \times 15}{100}}$

$= 5 - 1.5 = +3.5\%$

$\Rightarrow 3.5\%$ increased

37. (4)

Let CP = 100

MP = 120% of CP = 120

Profit = 8%

SP = 108

So discount is = $120 - 108 = 12$

Discount percentage = $\frac{12}{120} \times 100 = 10\%$

38. (3)

Let the sixth no. = x
 Then the seventh = x + 4 and the eighth = x + 7

According to the question,

$2 \times \frac{31}{2} + 3 \times \frac{64}{3} + x + x + 4 + x + 7$
 $= 8 \times 20$

$31 + 64 + 3x + 11 = 160$

$106 + 3x = 160$

$3x = 54$

$x = 18$

\therefore Eighth no. $x + 7 = 18 + 7 = 25$

39. (2)

Rs. 1 : 50p : 25p

no. of coins = $8x : 5x : 3x$

Value of coins = $8x : \frac{5x}{2} : \frac{3x}{4}$

$\therefore 8x + \frac{5x}{2} + \frac{3x}{4} = 112.50$

$\frac{32x + 10x + 3x}{4} = \frac{11250}{100}$

$\frac{45x}{4} = \frac{225}{2}$

$x = 10$

\therefore 50 paise coins are = $5x = 5 \times 10 = 50$

	A	B	C
Capital	15,000	12,000	8,000
Time	8	9	12
	120000 : 108000 : 96000		
Profit	10	9	8

According to the question,

$(10 + 9 + 8)$ units = Rs. 10,800

27 units = Rs. 10,800

1 unit = Rs. 400

Difference between A's share and C's share

= $(10 - 8) \times 400 =$ Rs. 800

Number of watches sold by shopkeeper P

$= \frac{484}{22} \times 34$

= 748

Number of shocks sold by shopkeeper T

= 1550

\therefore Required difference = $1550 - 748$

= 802

No. of watch & shoes sold by Q

$= \frac{2304}{24} [48 + 28]$

$= \frac{2304}{24} [76]$

= 96×76

No. of watches & shoes sold by S

$= \frac{1280}{40} \times 60$

= 32×60

Required ratio = $\frac{96 \times 76}{32 \times 60} = \frac{19}{5}$

43.(3)

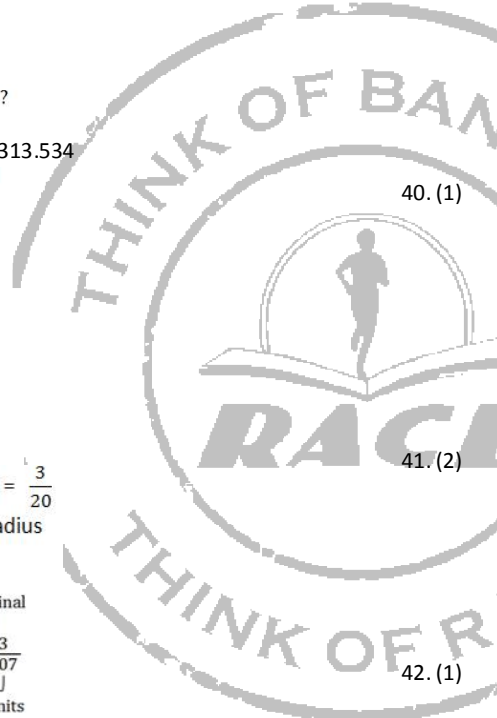
No. of shoes sold by shopkeeper T

$= \frac{1550}{25} \times 60$

= $62 \times 60 = 3720$

\therefore Shoes sold by T which are not defective

$= \frac{1}{5} \times 3720 = 744$



Grand Test – SCP 180558



44. (2) Total product sold by shopkeeper S
 $= 100 \times \frac{1280}{(100 - 60)} = 3200$
 Total product sold by shopkeeper R
 $= 100 \times \frac{1040}{(100 - 80)} = 5200$
 \therefore Required percentage
 $= \frac{2000}{5200} \times 100$
 $\approx 38\%$

45. (5) Watches & shocks sold by R
 $= 1040 + \frac{1040}{20} \times 13$
 $= 1040 + 676 = 1716$
 Watches and shoes sold by P
 $= \frac{484}{22} \times 78 = 1716$
 Required % = $\frac{1716}{1716} \times 100 = 100\%$

46. (3) Series is $\times 1 + 1, \times 2 + 2, \times 3 + 3, \times 4 + 4, \times 5 + 5$
 $\therefore ? = 8 \times 3 + 3 = 27$

47. (1) Series is $\times 0.5 + 1, \times 1.5 + 2, \times 2.5 + 3, \times 3.5 + 4, \times 4.5 + 5$
 $\therefore ? = 23 \times 3.5 + 4 = 84.5$

48. (4) Series is $2^3, 4^3, 6^3, 8^3, 10^3, 12^3$
 $\therefore ? = 10^3 = 1000$

49. (4) Series is $+ 3^2, -4^3, +5^2, -6^3, +7^2$
 $\therefore ? = -165 + 7^2 = -116$

50. (5) Series is $\times 3 + 2, \times 4 + 3, \times 5 + 4, \times 6 + 5, \times 7 + 6$
 $\therefore ? = 2519 \times 7 + 6 = 17639$

51. (5) $? = 4.3 + 43.34 + 34.43 + 4.34 + 34.4$
 $= 120.81$

52. (3) $? = \frac{5}{4} \times 420 + \frac{250}{100} \times 80$
 $= 525 + 200 = 725$

53. (4) $54 + \frac{3456}{8 \times 16} = ?^2$
 $?^2 = 54 + 27 = 81$
 $? = \pm 9$

54. (1) $? = \frac{2}{7} \times \frac{11}{9} \times \frac{16}{132} \times 756$
 $? = 32$

55. (5) $? = \frac{10}{3} + \frac{45}{7} \times \frac{3}{2} \times \frac{22}{7}$
 $= \frac{10}{3} \times \frac{7}{45} \times \frac{3}{2} \times \frac{22}{7} = \frac{22}{9}$

56. (2) Population of town = 3,11,250
 Number of men in the town
 $= \frac{3,11,250}{(43 + 40)} \times 40 = 1,50,000$
 Number of illiterate men in town
 $= 1,50,000 \times \frac{(100 - 60)}{100}$
 $= 1,50,000 \times \frac{40}{100}$
 $= 60,000$

57. (3) According to question
 $\frac{\text{CP of Refrigerator}}{\text{CP of Television}} = \frac{5}{3}$ 2 units
 2 unit = 5500
 1 unit = $\frac{5500}{2} = 2750$
 5 units = $2750 \times 5 = 13,750$
 CP of Refrigerator = Rs. 13,750

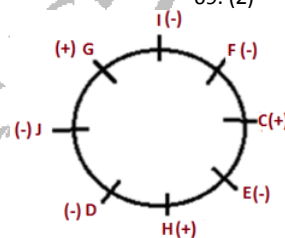
58. (3) M.P. of watch = Rs. 1600
 After 1st discount of 10%
 $= 1600 \times \frac{90}{100} = \text{Rs. } 1440$
 Customer pays (final S.P) = Rs. 1224
 $\frac{x}{100} \times 1440 = (1440 - 1224) = 216$
 $x = \frac{216 \times 100}{1440} = 15\%$

59. (2) Let, the box contains 'x' no. of Rs 1 coins
 \therefore Number of 50 p coins = $4x$
 & Number of 25 p coins = $2x$
 ATQ,
 $x + 4x \times \frac{1}{2} + 2x \times \frac{1}{4} = 56$
 $\Rightarrow \frac{2x + 4x + x}{2} = 56$
 $\Rightarrow x = \frac{56 \times 2}{7} = 16$
 No. of 50 P coins = $16 \times 4 = 64$

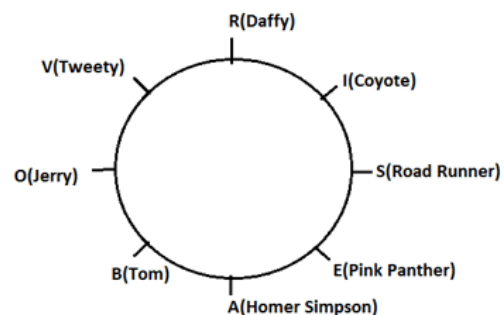
60. (4) Skilled half skilled unskilled
 efficiency $\frac{1}{3} : \frac{1}{4} : \frac{1}{6}$
 efficiency 4 : 3 : 2
 skilled halfskilled unskilled
 No. of days worked = 7 8 10
 Work done = $(7 \times 4) + (8 \times 3) + (10 \times 2) = 72$

Skilled labourer gets :
 $\frac{28}{72} \times 396 = 154$
 $? = 12,303 - 3,219$
 $= 9,084$
 61. (3) $? = 880$
 62. (1) $? = 110.8 - 37.9$
 $? = 72.9$
 63. (4) $? = 581 + 207 = 788$
 64. (2) $? = \frac{14}{100} \times \frac{29200}{16}$
 $= 255.5$
 65. (3)

66. (4) 67. (5)
 68. (3) 69. (2)
 71-75.

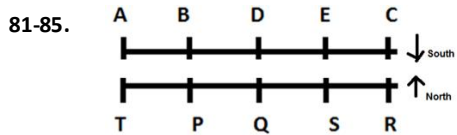


71. (2) 72. (3)
 73. (4) 74. (5)
 75. (4)
 76-80.



76. (2) 77. (3)
 78. (1) 79. (4)
 80. (4)

Grand Test – SCP 180558



- 81. (2)
- 83. (5)
- 86. (1)
- 82. (3)
- 84. (2)
- 85. (1)

