

SBI CLERK Preliminary Grand Test –SCP-180663

HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & EXPLANATIONS

1. (3) Refer the third paragraph of the passage “In general, the BMI number is a good quantifiable measurement of a person's obesity, however it is a poor predictor in people who are very athletic”
2. (3) Refer the last few lines of the third paragraph of the passage, “In general, the BMI number is a good quantifiable measurement of a person's obesity, however it is a poor predictor in people who are very athletic, because a person with a higher than average amount of muscle tissue will weigh more than an average person, thus resulting in a BMI that is higher than normal”
3. (5) All of the given options are correct. Refer the fourth paragraph of the passage.
4. (3) Refer the first few lines of sixth paragraph, “ But, for much of human history mankind struggled with

- food scarcity, and so obesity has sometimes been viewed as a sign of wealth and prosperity”
5. (4) Refer the last few lines of last paragraph of the paragraph.
 6. (1) Option (a) cannot be inferred from the passage.
 7. (2) Sloth means reluctance to work or make an effort, laziness. Hence it has same meaning as indolence. Congruity means the quality of agreeing, being suitable and appropriate. Eclectic means selecting what seems best of various styles or ideas. Dour means showing a brooding ill humor. Onerous means not easily borne, wearing.
 8. (4) Glutton means an excessively greedy eater. Hence it has same meaning as gourmand. Dispel means to cause to separate and go in different directions. Disparate means fundamentally different or distinct in quality or kind. Antithesis means exact opposite. Construe means make sense of, assign a meaning to.
 9. (4) Prevalence means the fact or condition of being prevalent, commonness. Hence it has opposite meaning as peculiar. Amenable means disposed or willing to comply. Bane means something causing misery or death. Bereft means sorrowful through loss or deprivation. Cognizant means having or showing knowledge or understanding or realization.
 10. (5) Harbinger means a person or thing that announces or signals the approach of another. Hence it has opposite meaning as antagonist. Contrite means feeling or expressing pain or sorrow for sins or offenses. Contentious means showing an inclination to disagree. Defunct means Inactive
 11. (4) Insert ‘the’ before ‘Delhi’.
 12. (5) No error.
 13. (3) Replace ‘much’ with ‘many’
 14. (1) Replace ‘declaring’ with ‘declaration’
 15. (3) Replace ‘reviewing’ with ‘review’
 16. (3) ‘community’ is the correct word to be replaced.
 17. (3) ‘need’ is the most appropriate word. Exigent means demanding.
 18. (4) ‘circumstances’ best suits the purpose.
 19. (5) No correction is required here.
 20. (2) ‘dwell’ is the most appropriate word.

21. (3) 'same' best suits the purpose.
22. (5) 'vivid' is the correct word.
Limpid means unclouded, clear.
23. (4) 'deceive' is the correct word to be replaced.
24. (2) 'fearful' is the correct word.
25. (5) No correction is required here.
26. (5) The sentence is grammatically correct.
27. (5) The sentence is grammatically correct.
28. (2) 'never' will be used before 'asked' as 'never, always, seldom, hardly, rarely, scarcely' is used after To be (is, am, are, was, were) and before main verb. Ex. He is never late. He never comes late.
29. (5) The sentence is grammatically correct.
30. (2) 'is' will be used in place of 'are' as when two singular nouns, 'either...or, neither...nor, not only... but also' get connected then verb is used according to the nearest subject.
Ex. Neither Soni nor Moni was here.
Either Neeta or Rita is at fault.
31. (3) Let S, D and N be the amount for son, daughter and Nephew respectively.
ATQ,
 $D = 4N, S = 5N$
 \therefore Ratio of amount for S : D : N = 5 : 4 : 1
 \therefore Share of daughters together = $\frac{16}{43} \times 8600$
= Rs. 3200
And share of each one = $\frac{3200}{4}$ = Rs. 800
32. (3) ATQ, $6000 = P \left(1 + \frac{r}{100}\right)^5$ and
 $8000 = P \left(1 + \frac{r}{100}\right)^{10}$
On dividing,
 $\frac{8000}{6000} = \left(1 + \frac{r}{100}\right)^5$
 $= \left(1 + \frac{r}{100}\right)^5 = \frac{4}{3}$
Now, $P = \frac{6000}{\left(1 + \frac{r}{100}\right)^5} = \frac{6000 \times 3}{4} = \text{Rs. } 4500$
33. (4) Time required by leakage to empty be x
 $\therefore \frac{1}{8} - \frac{1}{x} = \frac{1}{10}$
or, $\frac{1}{x} = \frac{5-4}{40} = \frac{1}{40}$
or, x = 40 hours.
34. (2) Let percentage profit is x
Then, $x = \frac{100}{(100+x)} \times 144$
or, $x^2 + 100x - 14400 = 0$
or, x = Rs. 80 (neglecting -ve value)
35. (3) Relative speed, $S_r = 180 - 120 = 60$ kmph
 \therefore Required length = $60 \times \frac{5}{18} \times 18 = 300$ m
36. (4) $\frac{22}{9} \times \frac{36}{11} \times 70 = ? \times \frac{35}{4} \times \frac{32}{7}$
 $? = \frac{8 \times 70}{5 \times 8} = 14$

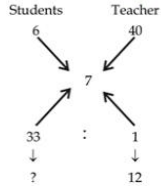
37. (2) $\frac{3^{4.5} \times 3^{4.7 \times 2}}{3^{2.6 \times 3}} = 3^?$
 $3^? = 3^{4.5+9.4-7.8}$
 $3^? = 3^{6.1}$
 $? = 6.1$
38. (2) $9^{7-2} = \frac{729}{81} \times \frac{243}{27} = 81$
 $9^{7-2} = 9^2$
 $? = 2 + 2 = 4$
39. (5) $\sqrt{?} = \left[\frac{441}{63}\right]^2 = 7^2 = 49$
 $? = (49)^2 = 2401$
40. (2) $? = 32\% \times 350 - 45\% \times 160$
 $= 112 - 72 = 40$
41. (2) Required percentage
 $= \frac{(108+72)-(90+36)}{108+72} \times 100$
 $= \frac{180-126}{180} \times 100$
 $= \frac{54}{180} \times 100$
 $= 30\%$
42. (2) Required value
 $= \frac{[108+90-54-72]}{360} \times 4400$
 $= \frac{72}{360} \times 4400 = 880$
43. (4) Required difference
 $= \frac{(5-3)}{12} \times \frac{108}{360} \times 4400$
 $= 220$
44. (1) Required value
 $= \frac{54+72+90}{360 \times 3} \times 4400$
 $= \frac{216}{360 \times 3} \times 4400$
 $= 880$
45. (2) Required percentage
 $= \frac{72-54}{54} \times 100$
 $= \frac{18}{54} \times 100$
 $= 33\frac{1}{3}\%$
46. (3) $? = 90 + 75 - 135 = 30$
47. (2) $? = \frac{90}{9}$
 $= 10$
48. (4) $? = \frac{20}{7} + \frac{45}{14} - \frac{31}{14}$
 $= \frac{27}{7} = 3\frac{6}{7}$
49. (3) $? = 4,760$
50. (4) $? \times \frac{35}{10} = 500 - 325$
 $\Rightarrow ? = 50$

Grand Test – SCP 180663



51. (3) C.P. of motor car
= Rs 17,000
M.P. of motor car
= Rs 17,000 × $\frac{100}{85}$ = Rs 20,000
After successive Discount C.P.
= 20,000 × $\frac{95}{100}$ × $\frac{90}{100}$
= Rs 17,100

52. (1) Use Alligation and mixture:



33 × 12 = 396 students

Or,

Let, number of student = n
ATQ,

$$\frac{n \times 6 + 12 \times 40}{n + 12} = 7$$

$$6n + 480 = 7n + 84$$

$$n = 480 - 84$$

$$n = 396$$

53. (4) Let no. of balls in bag x and y is 2a and 3a respectively
⇒ Now 5 balls are taken out of bag y and put in bag x

$$\frac{2a + 5}{3a - 5} = \frac{1}{1}$$

$$\Rightarrow 2a + 5 = 3a - 5$$

$$a = 10$$

∴ No. of balls in each bag is

$$x \Rightarrow 2 \times 10 + 5 = 25$$

$$y \Rightarrow 3 \times 10 - 5 = 25$$

54. (1) Let A's capital = Rs x
Let B's capital = Rs y
Now Acc. to question

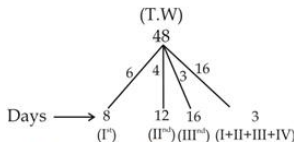
	A	B
Capital	x	y
Time (in month)	(9+1) = 10	9
Ratio of profit	5	6

We know

$$\frac{10 \times x}{9 \times y} = \frac{5}{6} \Rightarrow \frac{x}{y} = \frac{3}{4}$$

Hence the required ratio of capital of A and B is = 3 : 4

55. (3)



⇒ IVth person efficiency

$$= 16 - 6 - 4 - 3 = 3 \text{ units}$$

$$16 \text{ units} \rightarrow 1200$$

$$1 \text{ unit} \rightarrow 75$$

$$3 \text{ units} \rightarrow 225$$

56. (1)

$$121 - 2^2 = 121 - 4 = 117$$

$$117 - 3^2 = 117 - 9 = 108$$

$$108 - 4^2 = 108 - 16 = 92$$

$$92 - 5^2 = 92 - 25 = 67$$

$$67 - 6^2 = 67 - 36 = 31$$

57. (2) $(50 \div 2) + 1 = 25 + 1 = 26$
 $(26 \div 2) + 1 = 13 + 1 = 14$
 $(14 \div 2) + 1 = 7 + 1 = 8$
 $(8 \div 2) + 1 = 4 + 1 = 5$
 $(5 \div 2) + 1 = 2.5 + 1 = 3.5$

58. (4) The pattern of the number series is :

$$5 + 1^2 = 6$$

$$6 + 2^2 = 10$$

$$10 + 3^2 = 19$$

$$19 + 4^2 = 35$$

59. (1) The pattern of the number series is :

$$6 \times 2 - 1 = 11$$

$$11 \times 2 - 1 = 21$$

$$21 \times 2 - 1 = 41$$

$$41 \times 2 - 1 = 81$$

60. (1) The pattern of the number series is :

$$5 + 6 = 11$$

$$11 + 12 = 23$$

$$23 + 24 = 47$$

$$47 + 48 = 95$$

61. (3) $12 + 15 + 11 + ? = 49$

$$11 \times (?) = 49 - 27$$

$$? = \frac{22}{11} = 2$$

62. (1) $(0.6)^4 \times \frac{(0.6)^4 \times (0.6)^3}{(0.6)^5} = (0.6)^7$

$$(0.6)^{11-6} = (0.6)^7$$

$$? = 5$$

63. (2) $\frac{38}{100} \times 295 + \frac{62}{100} \times 445 = ?$

$$\frac{11210}{100} + \frac{27590}{100} = ?$$

$$? = \frac{38800}{100} = 388$$

64. (4) $\frac{15}{4} \times \frac{2}{5} \times \frac{9}{2} + \frac{7}{4} = ?$

$$? = \frac{27}{4} + \frac{7}{4} = \frac{34}{4}$$

$$? = 8.5 = 8\frac{1}{2}$$

65. (5) $\frac{44800}{320} \times 3 = \frac{2156}{14} + (?) - \frac{1728}{144}$

$$140 \times 3 = 154 - 12 + ?$$

$$? = 278$$

66. (2)



67. (4)



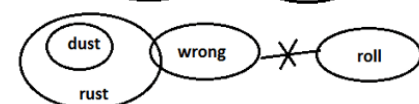
68. (1)



69. (4)



70. (3)



71-75.

Month	Person	Favourite Character
February	Q	Mia
March	R	Vincent
April	N	Jules
June	P	Pumpkin
September	M	Marsellus
October	S	Butch
November	O	Jody

- 71. (1)
- 72. (4)
- 73. (4)
- 74. (4)
- 75. (3)
- 76. (1) $71 \text{ £ } 9 \$ \text{ A} + 8 \text{ E } 3 = 612 * \% \text{ O} < 5 \text{ U } \delta$
- 77. (3) $F 6, * \text{ B } \%$
- 78. (5) 10TH to the left of 18th from the left = $(18-10) =$
8th from the left = W

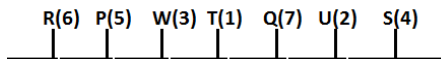
- 79. (1)
- 80. (2)

81-85.

FLOOR	PERSON	CARS
6	F	SKODA
5	C	BMW
4	E	RANGE ROVER
3	A	HYUNDAI
2	D	FORD
1	B	AUDI

- 81. (1)
- 82. (4)
- 83. (2)
- 84. (4)
- 85. (2)

86 – 90.



- 86. (2)
- 87. (4)
- 88. (5)
- 89. (3)
- 90. (1)
- 91. (4)
- 92. (1)
- 93. (2)
- 94. (1) $B \leq A = N > K \geq S$
- 95. (3) $B \leq A \geq R < P$ so both are false.

96 – 100. Australia- ra
 eleven- na
 playing- sa
 announced- ja
 against/seem- la/pa
 fast- za
 left/bowlers- fu/ka
 out/team- pu/li

- 96. (1)
- 97. (4)
- 98. (3)
- 99. (4)
- 100. (2)