SBI CLERK Preliminary Grand Test –SCP-180660

HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1. (4) 'example' is the most appropriate word to be replaced as the author is taking incidents from real life to explain about the unpleasant events and outcomes.
2. (2) 'event' best suits the purpose as the paragraph is all about the happenings in our lives.
3. (5) No improvement is required here.
4. (2) 'mitigated' is the correct word to be replaced as it goes similar to 'avoided'.
5. (3) 'crisis' best suits the purpose as it is also used in above sentences.
6. (1) 'future' is the correct word to be replaced.
7. (4) 'actions' is the most appropriate word.
8. (3) 'turn' is the most appropriate word.
   Fluke means an unlikely chance occurrence, especially a surprising piece of luck.
9. (5) No correction is required here.
10. (3) 'rejection' best suits the purpose.
    Ratification means the action of signing or giving formal consent to a treaty, contract, or agreement, making it officially valid.
    Impediment means a hindrance or obstruction in doing something.
11. (1) Refer to the last few lines of first paragraph of the passage. "VisitBritain, aware of the pulling power of film through its popular Movie Map website and recent promotion of Harry Potter and 'Magical Britain' – is now using Johnny English to entice visitors."
12. (4) "Tourists according to their interests can themselves explore Britain" is the correct explanation in context of the passage.
13. (1) "Britain's craziest secret agent" is the appropriate title as the passage revolves around the theme of enticing tourists through their movies that showcase their heritage and hence work as secret agents.
14. (5) Refer the third and fifth paragraph of the passage.
15. (4) Refer the last paragraph of the passage. In the last few lines of the paragraph it is mentioned that Britain **boasts** a wide range of locations – from heritage attractions and contemporary buildings to haunting moors and rugged hillsides.
16. (3) The author is giving the brief description of Britain and its ways to attract tourists.
17. (3) Boasts means talk with excessive pride and self-satisfaction about one's achievements, possessions, or abilities. Hence it has same meaning as brag.
    Clamor means utter or proclaim insistently and noisily.
    Denigrate means charge falsely or with malicious intent.
    Ebullient means joyously unrestrained.
    Duress means compulsory force or threat.
18. (2) Persuading means induce (someone) to do something through reasoning or argument. Hence it has same meaning as cajole.
    Accretion means an increase by natural growth or addition.
    Admonish means scold or reprimand.
19. (5) Incompetent means not having or showing the necessary skills to do something successfully. Hence it has opposite meaning as adroit.
    Accost means approach and speak to someone aggressively or insistently.
20. (2) **Entice** means attract or tempt by offering pleasure or advantage. **Nauseate** which means to fill (someone) with disgust is the word most opposite in meaning.
21. (5) The sentence is grammatically correct.
22. (2) The use of 'a' is superfluous.
23. (4) 'beside' will be used in place of 'besides' as 'besides' means 'in addition to' whereas 'beside' means 'at the side of'.
    Ex. Ram was sitting beside Sita.
24. (1) 'my' will be used in place of 'me'.
25. (5) The sentence is grammatically correct.
26. (2) 'many/ a lot of/ lots of' will be used in place of 'the more' as the sentence is in positive degree.
27. (3) The use of 'about' is superfluous.
28. (3) 'is' will be used in place of 'are' as plural noun or pronoun and singular verb is used after 'neither of/ either of/ each of/ anyone of/ every one of/ one of'.
    Ex. Neither of the girls is beautiful.
    Each of them was happy there.

29. (4) Use 'were' in place of 'was' as plural verb is used after 'you'.

30. (4) 'one another's' will be used in place of 'one another' as comparison is between 'their tastes' and 'one another's tastes'.

31. (1) $405 + ? = 466$
$\Rightarrow ? = 61$

32. (4) $480 \div \frac{1770}{?} - 200 = 575$
$\Rightarrow ? = \frac{1770}{295}$
$\Rightarrow ? = 6$

33. (3) $?^2 = 1080 + (381 - 165) = 1,296$
$\Rightarrow ? = \pm 36$

34. (2) $\frac{1}{19} \times 2679 + 243 \times ? = 1599$
$\Rightarrow ? = 6$

35. (4) $(?)^{\frac{1}{2}} = 21$
$\Rightarrow ? = 9,261$

36. (1) $x^2 - 7x + 12 = 0$
$x^2 - 4x - 3x + 12 = 0$
$x(x-4)-3(x-4) = 0$
$(x-3)(x-4) = 0$
$x = 3, 4$
II. $y^2 + 3y - 10 = 0$
$y^2 + 5y - 2y - 10 = 0$
$y(y+5)-2(y+5) = 0$
$(y-2)(y+5) = 0$
$y = 2, -5$
$x > y$

37. (4) I. $x^2 + 9x + 20 = 0$
$x^2 + 5x + 4x + 20 = 0$
$x(x+5) + 4(x+5) = 0$
$(x+4)(x+5) = 0$
$x = -4, -5$
II. $2y^2 + 5y - 12 = 0$
$2y^2 + 8y - 3y - 12 = 0$
$2y(y+4) - 3(y+4) = 0$
$(2y-3)(y+4) = 0$
$y = 3/2, -4$
$y \geq x$

38. (3) I. $x^2 + 12x + 32 = 0$
$x^2 + 8x + 4x + 32 = 0$
$x(x+8) + 4(x+8) = 0$
$(x+4)(x+8) = 0$
$x = -4, -8$
II. $y^2 + 6y + 9 = 0$
$y^2 + 3y + 3y + 9 = 0$
$y(y+3) + 3(y+3) = 0$
$(y+3)(y+3) = 0$
$y = -3, -3$
$y > x$

39. (1) I. $2x + 5y = 16$
II. $5x + 2y = 19$
On solving (I) & (II), we get
$x = 3, y = 2$
$x > y$

40. (5) I. $x^2 - 16 = 0$
$x^2 = 16$
$x = \pm 4$
II. $y^2 + 9y + 18 = 0$
$y^2 + 6y + 3y + 18 = 0$
$y(y+6) + 3(y+6) = 0$
$(y+6)(y+3) = 0$
$y = -6, -3$
No relation

41. (2) Required difference
$= \frac{1}{6} \times (14 + 18 + 23 + 21 + 27 + 26) - 15$
$= 21.5 - 15$
$= 6.5$ thousands

42. (5) Required ratio
$= 18 : 15 : 9$
$= 6 : 5 : 3$

43. (2) From graph the required year is 2006

44. (3) Required percentage
$= \frac{29}{35} \times 100$
$\simeq 83\%$

45. (1) Required percentage increase
$= \frac{27 - 18}{18} \times 100$
$= 50\%$

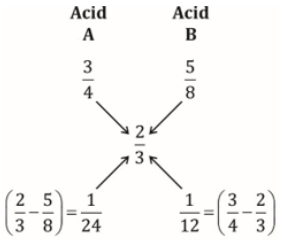
46. (4) Let the number of students be n
Each student gets = 2n chocolates
$(2n)(n) = 800$
$2n^2 = 800$
$n^2 = 400$
$n = 20$

47. (2) According to the question
Average age of 11 cricket players is 20 years
Total age of eleven cricket players is = $20 \times 11 = 220$
If the age of coach included then the average age increased by 10% i.e.
$= 20 + \frac{10}{100} \times 20 = 22$ years
$\therefore$ Total age of eleven players and coach = $22 \times 12 = 264$ year
$\therefore$ Age of coach = $264 - 220 = 44$ years

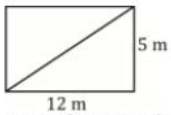
48. (1)

	Acid		Water
Vessel A	3	:	1
Vessel B	5	:	3

Use Alligation



49. (4) Let time = t years
According to the question,
$\frac{10500 \times 3 \times t}{100} = 6000 \times \left[\left(1+\frac{10}{100}\right)^2\right] - 6000$
$\frac{10500 \times 3 \times t}{100} = 7260 - 6000$
$\frac{10500 \times 3 \times t}{100} = 1260$
$315t = 1260$
$t = 4$ years
Hence required time = 4 years

50. (1)


Area of rectangular garden = $12 \times 5 = 60\ m^2$
$\therefore$ Area of square = 60
$(side)^2 = 60$
Side = $\sqrt{60}$
Diagonal of the square = $\sqrt{2}$ side
$= \sqrt{2} \times \sqrt{60} = \sqrt{120} = 2\sqrt{30}$ m

51. (3) 20% of $450 + 40\%$ of $150 = ? \times 3 + 45\%$ of 180
$3 \times ? = 90 + 60 - 81$
$? = \frac{69}{3} = 23$

52. (2) $(3+9+7) + \left[\frac{2}{3}+\frac{1}{3}+\frac{1}{9}\right] = ? + (5+6+4) + \left(\frac{1}{6}+\frac{1}{3}+\frac{1}{9}\right)$
$19 + 1 + \frac{1}{9} - 15 - \frac{1}{9} - \frac{1}{2} = ?$
$5 - \frac{1}{2} = ?$
$? = 4\frac{1}{2}$

53. (2) $\frac{5}{9} \times 567 + \frac{3}{5} \times 110 = 3 \times ?$
$? = \frac{5 \times 63 + 3 \times 22}{3}$
$= 5 \times 21 + 22 = 127$

54. (5) $(?)^2 = \sqrt{576} + \sqrt{5776}$
$(?)^2 = 24 + 76$
$(?)^2 = 100$
$? = \pm 10$

55. (4) $?^2 = \sqrt{192 - 125 + 14}$
$? = \sqrt{81}$
$?^2 = 9$
$? = \pm 3$

56. (3) Let the original fraction = $\frac{x}{y}$
ATQ,
$\frac{76x}{125y} = \frac{19}{25}$
$\Rightarrow \frac{x}{y} = \frac{5}{4}$

57. (3) Eight days work of Ram and Raman together
$= \frac{8}{32} = \frac{1}{4}$
One day work of Rishabh and Ram together
$= \left(\frac{1}{32} - \frac{1}{48}\right) + \frac{1}{24}$
$= \frac{5}{96}$
i.e. Rishabh and Ram will complete the whole work in $\frac{96}{5}$ days.
$\therefore \frac{3}{4}$ work will be completed in $= \frac{3}{4} \times \frac{96}{5}$
$= \frac{72}{5} = 14.4$ days

58. (2) $Sum = \frac{1920 \times 100}{60}$
$= 3200$
$\therefore$ Compound interest
$= 3200 \left[\left(1+\frac{30}{100}\right)^2 - 1\right]$
$= 3200 \times \frac{69}{100}$
= Rs. 2208

59. (1) Required probability
$= \frac{{}^4C_2}{{}^9C_2} + \frac{{}^5C_2}{{}^9C_2}$
$= \frac{1}{6} + \frac{5}{18}$
$= \frac{4}{9}$

60. (1) Let the numbers are $(x-4), (x-2), x, (x+2), (x+4)$
ATQ,
$(x-4) + (x-2) + x + (x+2) + (x+4) = 5 \times 23$
$5x = 5 \times 23$
$x = 23$
Required Value $= 25^2 - 21^2 = 625 - 441 = 184$

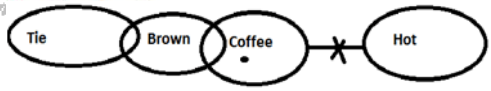
61. (4) $?\times 13 = \sqrt{1089 + 3136} = \sqrt{4225}$
$? = \frac{\sqrt{4225}}{13}$
$? = \frac{65}{13} = 5$

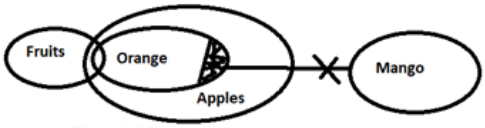
62. (2) $? = \frac{4^7}{16^4} \times \frac{64^3}{256^2} \times \sqrt{256}$
$= \frac{4^7 \times (4^3)^3 \times 16}{(4^2)^4 \times (4^4)^2}$
$? = \frac{4^7 \times 4^9 \times 16}{4^8 \times 4^8} = 16$

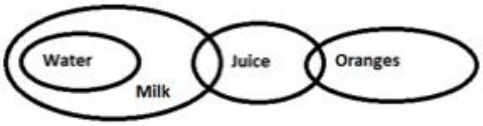
63. (1) $? = \frac{3}{5} \times \frac{7}{9} \times \frac{11}{15} \times 1125 = 385$

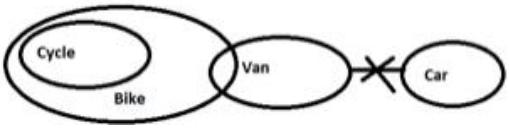
64. (3) $? = \sqrt{324 + 336 - 131} = \sqrt{660 - 131} = \sqrt{529}$
$? = 23$

65. (3) $(8)^? = \frac{2^3 \times 4^4}{8^3} \times 2^7$
$= \frac{2^3 \times (2^2)^4 \times 2^7}{(2^3)^3}$
$= \frac{2^3 \times 2^8 \times 2^7}{2^9} = 2^3 \times 2^6$
$8^? = 8^3 \Rightarrow ? = 3$

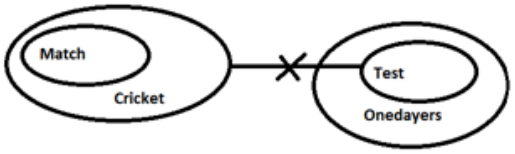
66. (2)


67. (5)


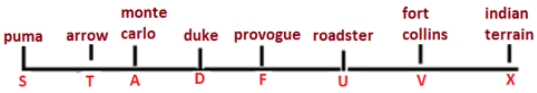
68. (3)


69. (4)


70. (1)



71-75.

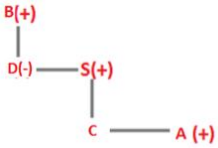


71. (2) 72. (1)
73. (3) 74. (4) 75. (2)

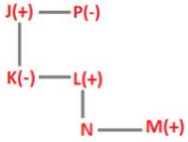
76-80.

Days	Managers	Tie Color
Monday	B	Grey
Tuesday	F	Green
Wednesday	C	Pink
Thursday	D	Red
Friday	G	Black
Saturday	A	Yellow
Sunday	E	White

76. (2) 77. (4)
78. (1) 79. (3) 80. (4)
81. (3)



82. (5)
83. (1)



84-85.

kids→bi
are→mi
always→gi
hungry→fi
people→ci
were→di
told→hi
eat→ri
all→vi
toys→ki

84. (2) 85. (1)
86. (2) 87. (5)
88. (1) 89. (4) 90. (1)

91-95.

Persons	Made	Ate
G	dalia	pineapple
H	rice	chapati
I	dhokla	papad
J	chapati	water chestnut
K	papad	gooseberry

91. (1) 92. (2)
93. (4) 94. (2) 95. (3)

96-100.

Word	Code
squirrel	da
angry	pa
is	na
some/and	ha/ja
pigeon/crow	ra/ta
happy	la
also	sa

96. (3) 97. (4)
98. (5) 99. (2) 100. (4)