

SBI Clerk Preliminary Grand Test –SCP-180333

HINTS & SOLUTIONS

ANSWER KEY

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

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1. (4) Refer the second sentence of the passage, "These activities are not only opposed to morality if the legal objection can be added to the moral, the argument against..... considerably be reinforced."
2. (3) Refer the first sentence of the second paragraph of the passage, "To this must be added the fact that more than 50 percent of the skilled scientific manpower in the world is now engaged in the armaments industry."
3. (4) The author has highlighted the effect of nuclear weapons biologically in the passage. Refer to the 1st sentence of the 3rd paragraph of the passage, "A meeting of biologists on the Long-Term Worldwide Biological consequences of nuclear war added frightening dimension to those forecasts."
4. (4) Refer the last sentence of the second paragraph of the passage, "How appropriate it is that all this valuable skill should be devoted to the manufacture of weapons of death in a world of poverty is a question that must touch the scientific conscience."
5. (5) All the options are incorrect. For option (d) refer the last few sentences of the last paragraph of the passage, "the Southern Hemisphere were affected also, global disruption of the biosphere could ensue. In any event, there would be severe consequences"
6. (5) All the options gives the consequence that are highlighted in the passage. Therefore option (e) is the correct choice for the given question.
7. (2) Refer 'universal sentiment' given in the first sentence of the passage.
8. (5) Refer the last paragraph of the passage. It is explained in the detail about the various consequences that awaits us in the aftermath of the war.
9. (4) Option (d) is the correct choice. 'devoted' means to give all or most of one's time or resources to (a person or activity), while; 'committed' means pledge or bind (a person or an organization) to a certain course or policy. Hence, they both are similar in meaning.
Apathetic means showing or feeling no interest, enthusiasm, or concern.
Articulated means having two or more sections connected by a flexible joint.
10. (3) Option (c) is the correct choice. Dimension means an aspect or feature of a situation, while; idiosyncrasy means a distinctive or peculiar feature or characteristic of a place or thing.
Empirical means based on, concerned with, or verifiable by observation or experience rather than theory or pure logic
Cognizance means knowledge or awareness.
Embezzlement means theft or misappropriation of funds placed in one's trust or belonging to one's employer.
Debonair means (of a man) confident, stylish, and charming.
11. (4) Only first and the third expression can be used to replace the phrase given in bold so as to make the sentence grammatically correct and comprehensible. If the sentence is in future tense the main clause of the sentence which is "all these evil things will happen to you" should consist the verb "will". However, the subordinate clause of the sentence which is "If you will disobey the Lord" containing the grammatical error as when two events of future are described in a single sentence only the main clause shall be in future tense, while the subordinate clause shall be in simple present tense. Hence, option (d) is the correct choice.
12. (1) The correct phrase to make the sentence grammatically correct is "not to be entrusted with". It should be noted that in the given sentence before "not entrusted" "should" has been mentioned. If a sentence is in active voice, the first form of verb (V1) is used after "should". However, if a sentence is in the passive voice, after "should" be+V3 (third form of verb) is used to make the sentence grammatically correct. Here, the sentence is in the passive voice therefore the appropriate grammatical syntax

- required is "be+V3" form. Thus, the correct answer choice is option (a).
13. (4) All three expressions can be used to substitute the phrase given in bold. It is to be noted that the phrase given in bold comprise of an error of subject verb agreement. As the subject "transportation fees" is in plural form the verb associated to it should also be plural i.e., instead of "was", "were" should be used. In addition to "were increased by" other two expressions also make the sentence grammatically correct. Hence, option (d) is the correct choice.
14. (2) Read the sentence carefully, it can be well verified that the given sentence is grammatically incorrect as there is an error in the highlighted part of the sentence which needs to be replaced by a correct and meaningful expression. Among the given three expressions only second expression provides the correct contextual and grammatical meaning to the sentence. "is I don't understand is" should be replaced with "I don't understand is" because the verb for "what" here is "understand" and the "is" present after "understand" is auxiliary verb. Therefore, the "is" present after "what" is superfluous and thus creating an error in the syntax of the sentence. Hence, option (b) is the correct choice.
15. (5) The given phrase in bold is already correct and doesn't require any further corrections. The phrase perfectly fits into the grammatical syntax of the sentence. However, all the given expressions fail to make the sentence correct. Therefore, option (e) is the most suitable choice.
16. (4) All the above expressions can be used to replace the existing phrase to make the sentence grammatically correct and logically meaningful. It is to be noted that the expression "playing a major role" misses a helping verb to complement the sentence grammatically. If we consider the grammatical aspect of the sentence, all the three expressions given as alternatives follow the correct grammar syntax that make the sentence contextually meaningful as well. Hence option (d) is the correct choice.
17. (2) Read the sentence carefully, it can be well verified that the given sentence is grammatically incorrect as there is an error in the highlighted part of the sentence which needs to be replaced by a correct and meaningful expression. Among the three options, the first and the second expressions provide a contextual meaning to the sentence. They both make sure that the sentence follows the correct grammar structure and the intended meaning of the sentence remains intact. However, the third expression is not befitting to the sentence as the plural verb "have" cannot be used for the singular subject [India] in this case. Hence option (b) is the correct choice.
18. (5) The expression "Man is the highest point of evolutionary" is the correct expression and it also adds a meaningful sense to the sentence. It is to be noted that the word "evolutionary" which means "relating to the gradual development of something" is used as an adjective for the noun "ascent". The expressions given as options do not fit into the sentence as they are both grammatically incorrect and contextually meaningless. Hence option (e) is the correct choice.
19. (1) The correct phrase to make the sentence grammatically correct is "appears to have ended with the swearing-in". It is to be noted that the subject is in singular form [The unprecedented political crisis], so the verb that follows the subject should also be in the similar form. Among the three options, only the first expression provides the correct structure that fits perfectly into the sentence. The other two cannot be used as they are not fitting to the correct grammar syntax. Hence option (a) is the correct choice.
20. (3) The use of the article "a" in the highlighted portion makes the sentence incomplete as the expression suggests no proper meaning. Among the given options, both the expressions (II) and (III) can be used to replace the existing phrase to make the sentence grammatically viable. Hence option (c) is the correct choice.
21. (5) 'focus/ attention' is the correct use. We can get the idea as it is also used elsewhere in the paragraph.
22. (2) 'welcome/ desirable' is the correct fit for the blank as the word 'improving' used in the sentence suggests that it's a positive action thus, it shall be welcomed.
23. (3) 'attempts/ aims' best suits the purpose as the sentence talks about Budget 2018 which discusses future plans.
24. (1) 'intent/ purpose' is the correct use making the sentence meaningful as intent here is a purpose or objective on the part of the government.
25. (2) 'integrating/ merging' can be used interchangeably as both means combine with another to form a whole. Here 'with' preposition is used to indicate 'being together'.
26. (4) 'impact/ influence' is the best fit for the blank.
27. (2) 'outcomes/ results' is the correct word as it is also used in above sentences.
28. (4) 'work/ job' best suits the purpose. Intervention means the action or process of intervening.
29. (4) 'effecting/ causing' is the correct use.
30. (1) 'handled/ supervised' is the correct choice. Groomed means prepare or train (someone) for a particular purpose or activity.
31. (3) $4900 \times \frac{1}{28} \times 444 \times \frac{1}{12} - 6450 = (?)^2$
 $\Rightarrow 6475 - 6450 = (?)^2$
 $\Rightarrow \sqrt{25} = ?$
 $\Rightarrow ? = 5$
32. (1) $\frac{38}{100} \times 250 - \frac{85}{100} \times 560 + 13 \times ? = 61$
 $\Rightarrow 95 - 476 + 13 \times ? = 61$
 $\Rightarrow 13 \times ? = 61 + 381$
 $\Rightarrow ? = 34$
33. (5) $\frac{19}{9} \times \frac{21}{19} \times \frac{3}{7} - \frac{1}{2} = ? - \frac{3}{2}$
 $1 - \frac{1}{2} = ? - \frac{3}{2}$
 $? = 2$
34. (2) $12\sqrt{7} - \frac{26}{100} \times 1650 + 19 = 13 \times 34$
 $12\sqrt{7} - 429 + 19 = 442$
 $12\sqrt{7} = 871 - 19$
 $\sqrt{7} = \frac{852}{12} = 71$
 $? = 5041$
35. (4) $\frac{535}{1000} \times 720 \times \left[\frac{26}{28} \times \frac{63}{39} \times \frac{5}{9} \right] = ?$
 $? = 321$

36. (5) Possible outcomes = {RB, BG, GR}
 $= {}^2C_1 {}^4C_1 + {}^4C_1 {}^6C_1 + {}^6C_1 {}^2C_1$
 Probability (they are not of same colour)
 $= \frac{{}^2C_1 {}^4C_1 + {}^4C_1 {}^6C_1 + {}^6C_1 {}^2C_1}{{}^{12}C_2}$
 $= \frac{8 + 24 + 12}{66} = \frac{44}{66} = \frac{2}{3}$

37. (2) ① ③ ⑤ ⑦ ⑨
 Vowels in COMPLAINT = {O, A, I}
 Ways to arrange vowels in odd position
 $= {}^5P_3 \times 6!$
 $= 5 \times 4 \times 3 \times 720$
 $= 43200$
 Alternate method-
 Required ways = ${}^5C_3 \times {}^6C_6 \times 6! \times 3!$
 $= 43200$

38. (3) Efficiency 4 - A - 6
 + 3 - B - 8

 7
 Total work 24
 $7 \times 3 = 21$ work + remaining 3 work
 If A and B work alternately $\rightarrow 3 \times 2 = 6$ days by B in 1 day

So, Total days = 6 + 1 = 7 days

39. (5) Efficiency 9 - TapA - 4
 - 4 - TapB - 9

 5
 Total time for cistern to get filled = $\frac{36}{5} = 7.2$ hrs

40. (1) Area of rectangular field = area of square
 $90 \times 80 = a^2$
 $a = 60\sqrt{2}$ m

Diagonal of square = $\sqrt{2}a = 120$ m

41. (1) Percentage increase in the income of Inder
 $= \frac{3440 - 1300}{1300} \times 100 \approx 165\%$

Percentage increase in the income of Kamal

$= \frac{5900 - 3060}{3060} \times 100 \approx 93\%$

Required difference = 72%

42. (3) Average income of Sanjeev in the month of Feb, March and April
 $= \frac{3260 + 3690 + 3850}{3} = \frac{10800}{3} = 3600$

Average income of Rawat in the month of March, April and May

$= \frac{3280 + 3440 + 3630}{3} = \frac{10350}{3} = 3450$

Required difference = 3600 - 3450 = 150

43. (4) Required ratio = $\frac{2500 + 3260}{3280 + 3440} = \frac{5760}{6720}$
 $= \frac{6}{7}$

44. (1) Required % = $\frac{3280}{3690} \times 100 = 88\frac{8}{9}\%$

45. (5) Income of all five persons in April
 $= 3260 + 3850 + 3440 + 4075 + 3450 = 18075$
 Income of all five persons in March
 $= 2640 + 3690 + 3280 + 3625 + 3260$
 $= 16495$

Required difference = 18075 - 16495 = 1580

46. (1) $2652 - 441 + 928 - \frac{1}{15} \times 3375 = ? + 961$
 $2652 - 441 + 928 - 225 - 961 = ?$
 $? = 1953$

47. (3) $9240 \times \frac{1}{7} = 330$
 $? = 28$

48. (5) $\frac{1}{17} \times 4913 - 225 = (?)^2$
 $(?)^2 = 64$
 $? = 8$

49. (2) $? \times 1211 = 24220$
 $? = 20$

50. (4) $240 \times 300 \times \frac{1}{240} = ? + 240$
 $? = 300 - 240$
 $? = 60$

51. (2) Let 'X', 'Y' and 'Z' can complete a, b and c unit of work in one day.

ATQ,

$a + c = b \dots(i)$

$b + c = 5a \dots(ii)$

On solving (i) and (ii)

$a = \frac{b}{3} = \frac{c}{2}$

$\Rightarrow a : b : c$
 $1 : 3 : 2$

(1 + 2 + 3) unit of work \rightarrow 1 day

(6) unit of work \rightarrow 1 day

2 unit of work $\rightarrow \frac{6}{2}$ day = 3 days

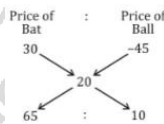
52. (2) Use mixture and allegation

If cost price of Bat = 75

Profit on Bat = $75 \times \frac{40}{100} = 30$

If cost price of Ball = 75

Loss on Ball = $75 \times \frac{60}{100} = -45$



Cost price of Bat = 65

Distance travelled by Aman in 2 hours = $25 \times 2 = 50$ km

Now, distance between Aman and Sandeep at 4 : 00 p.m.

$= 410 - 50 = 360$ km

Time to cross each other

$= \frac{360}{35 + 25} = 6$ hour

Required time = 4 : 00 + 6 hour = 10 : 00 p.m.

Let sum = Rs. 250

54. (3)

C.I. for 3 year at 20% pa = $250 \times \left(\frac{12}{10}\right)^3 - 250$
 $= 182$

SI for 3 year at 20% pa

$= \frac{250 \times 3 \times 20}{100} = 150$

Difference = 182 - 150 = 32 \rightarrow 176

\Rightarrow Sum = $\frac{176}{32} \times 250 = 1375$

Required Interest = $\frac{1375 \times 2 \times 10}{100}$
 $= 275$

OR

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Alternate method

$$\text{Difference} = \frac{Pr^2}{100^2} \times \frac{(300+r)}{100}$$

$$176 = \frac{P \times 20^2}{100^2} \times \frac{(300+20)}{100}$$

Therefore,

$$P = 1375$$

$$\text{Required Interest} = \frac{1375 \times 2 \times 10}{100} = 275$$

55. (2) The number which should be divisible by 4 will end with 32, 52, 72, 92, 36, 56, 76 and 96 (Total 8 ways)
Starting two numbers can be chosen in $4 \times 3 = 12$ ways
Total no. of ways = $12 \times 8 = 96$ ways

56. (4) $1^3 + 1 = 2$
 $2^3 + 2 = 10$
 $3^3 + 3 = 30$
 $4^3 + 4 = 68$
 $5^3 + 5 = 130$ ans

57. (2) 4620, 420, 60, 12, 4, 2
+11 +7 +5 +3 +2

58. (3) 2 5 17 65 257 1025
×4-3 ×4-3 ×4-3 ×4-3 ×4-3

59. (5) 4096 225 2744 169 1728 121
 16^3 15^2 14^3 13^2 12^3 11^2

60. (1) 100 150 106 155 110 158
50 44 49 45 48
6 5 4 3

61. (5) $?^2 = \frac{(\sqrt{1444} + \sqrt{676})}{4} = \frac{38 + 26}{4} = \frac{64}{4} = 16$

62. (4) $?^2 = \frac{64 \times 288 \times 16}{256 \times 36} = 32 = 2^5$

63. (2) 90% of ? = $\sqrt{576} + \sqrt[3]{64} \times \sqrt{729}$
 $? = \frac{24}{4} \times \frac{27}{9} \times 10$

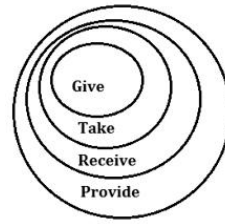
64. (1) ? = $40\% \text{ of } 320 + \frac{4^3}{18} \times \frac{108}{8}$
 $= 128 + 48 = 176$

65. (4) $\frac{60}{100} \times \frac{152}{19} \times ? = 3^3 \times 4^2$
 $\Rightarrow ? = \frac{27 \times 16 \times 100 \times 19}{60 \times 152} = 90$

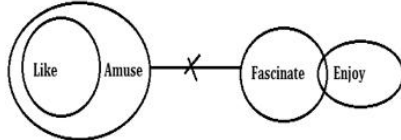
66. (3)

67. (1)

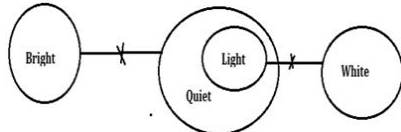
68. (2)



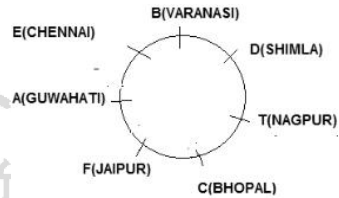
69. (1)



70. (3)



- 71-75.



71. (3)
73. (1)
76. (5)
78. (3)
81-85.

72. (2)
74. (4)
77. (4)
79. (1)

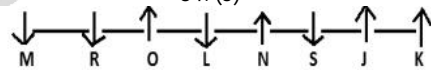
75. (5)
80. (3)

Students	Colours	Room number
P	Green	2
Q	White	3
R	Blue	7
S	Red	5
T	Black	6
U	Violet	1
V	Pink	4

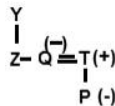
81. (4)
83. (2)
86-90.
86. (1)
88. (4)
91. (4)
94. (5)

82. (4)
84. (3)
87. (1)
89. (2)
92. (4)

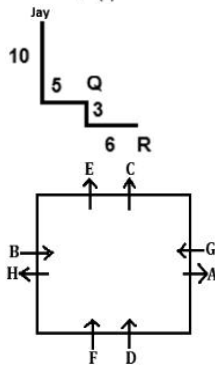
85. (1)
90. (1)
93. (2)



95. (1)



- 96-100.



96. (4)
98. (1)

97. (3)
99. (3)

100. (3)