🏃 RACE

SBI Clerk Preliminary Grand Test –SCP-180335
HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

1. (3) Refer to the second sentence of the 1st paragraph of the passage, "change in the attitude towards science, which should be from the beginning an integral part and not a mere addition"

2. (4) Refer the last sentence of the passage, "should be brought out and made real by a reference to immediate experience of ordinary life."

3. (3) Refer "....................................how insecure and provisional, however necessary, are the rational interpretations".

4. (3) Refer " Here the teaching of the history of science, not isolated as at present, but in close relation to general history teaching, would serve to correct the existing atmosphere of scientific dogmatism."

5. (2) Refer " The old contrast .... between scientific and humane subjects............. broken down and .... scientific humanism....................the teaching of science requires to be humanized."

6. (3) The error is in part (ii) of the sentence.
Explanation: the given bold statement is in active which is incorrect and it should be in passive thus "be" should be

added between "to and transform" and transform should be changed to "transformed".
The reason why it should be in passive is "the dry and factual" which is a subject of the sentence cannot be the doer, and doer of the sentence is already given which is " by an appeal to mystical theory". And if the doer of any sentence comes in the end like an agent then sentence should be in passive thus change this statement into passive.

7. (2) Option (b) is the correct choice. Hostility means hostile behaviour; unfriendliness or opposition or acts of warfare which is similar in meaning with the word 'antagonism'.
Affinity means a natural liking for and understanding of someone or something.
Concord means agreement or harmony between people or groups.
Congruity means the state or quality of being congruous; harmony; appropriateness: hospitality means the friendly and generous reception and entertainment of guests, visitors, or strangers.

8. (1) Option (a) is the correct choice. Dogmatism means the tendency to lay down principles as undeniably true, without consideration of evidence or the opinions of others which is similar in meaning with authoritarianism.
Neutrality means the state of not supporting or helping either side in a conflict, disagreement, etc.; impartiality.
Candour means the quality of being open and honest; frankness.
Probity means the quality of having strong moral principles; honesty and decency.
Uniformity means the quality or state of being uniform.

9. (5) Option (e) is the correct choice. Provisional means arranged or existing for the present, possibly to be changed later while 'definite' means certain or sure about something. Hence, they both are opposite in meaning.
Ephemeral means lasting for a very short time.
Amplified means enlarge upon or add detail to (a story or statement).
Inferential means of, pertaining to, by, or dependent upon inference.
Temporary means lasting for only a limited period of time; not permanent.

10. (2) Option (b) is the correct choice. Implications means the conclusion that can be drawn from something although it is not explicitly stated, whereas; actuality means existing conditions or facts. Hence, they both are opposite in meaning.
Association means a group of people organized for a joint purpose.
Ramification means a complex or unwelcome consequence of an action or event.

11. (2) The word " *Denizen* " means *a person, animal, or plant that lives or is found in a particular place* . Thus, the word fits perfectly into both the blanks and give a meaningful sense to both the sentences which is not the case with the other given words. Hence option (b) is the correct choice.

Regulator means a person or body that supervises a particular industry or business activity.

12. (4) The word "*determine*" means *ascertain or establish exactly by research or calculation*. Thus, the word fits perfectly into both the blanks and give a meaningful sense to both the sentences which is not the case with the other given words. Hence option (d) is the correct choice.
Commence means begin.
Persuade means induce (someone) to do something through reasoning or argument.

13. (1) The word "*convenience*" means *the state of being able to proceed with something without difficulty*. Thus, the word fits perfectly into both the blanks and give a meaningful sense to both the sentences which is not the case with the other given words. Hence option (a) is the correct choice.
Impediment means a hindrance or obstruction in doing something.
Pragmatism means a pragmatic attitude or policy.

14. (4) Option (d) is the correct choice.
Privy means sharing in the knowledge of (something secret or private).
Flay means criticize severely and brutally.
Feigned means simulated or pretended; insincere.
Brazen means bold and without shame.

15. (5) Refuted is the correct choice.
Refuted means prove (a statement or theory) to be wrong or false; disprove.
Cogitate means think deeply about something; meditate or reflect.
Abided means accept or act in accordance with (a rule, decision, or recommendation).

16. (3) The error is in part (D) of the sentence.
'of' will not be used after comprised as comprised is used to give a meaning 'consist of'.

17. (5) The error is in part (A) of the sentence.
Use 'when I get back' in place of 'when I shall get back' as if we talk about two future incidents then in the main clause we use future tense and in subordinate clause we use simple present tense.

18. (5) There is no error in the statement.

19. (1) The error is in part (E) of the sentence. Use 'journals' in place of 'journal' as after 'one of' the noun we use is plural.

20. (5) There is no error in the statement.

21. (3) *Option (c)* is the correct choice. The theme of the paragraph is about *the LTCG tax on stock market in India. Here, the paragraph is mentioning about discrimination faced by Indian investors regarding taxation policies.* "*Hindrance*" is a *noun* which *means a thing that provides resistance, delay, or obstruction to something or someone* therefore, it doesn't provide the sense to the paragraph. Hence, the correct word required here is "*treatment*" as the sentence is mentioning about the discriminatory tax treatment towards Indian investors. Thus, eliminating the contextual error and making the paragraph coherent.

22. (1) *Option (a)* is the correct choice. Here, the word "*forecast*" is incorrectly used as in the paragraph, it has been previously mentioned *about the problematic issue of the round-tripping funds.* Therefore, the correct word required here is "*resolve*" or a word similar in meaning. Hence, it makes the paragraph logical and meaningful.

23. (2) *Option (b)* is the correct choice. "*iniquity*" means *immoral or grossly unfair behaviour.* Therefore, it doesn't satisfy the theme of the paragraph which is *about the LTCG tax on stock market in India.* However, in the earlier part of the paragraph it is mentioned *about the amendment on the India Mauritius Tax Treaty in May 2016.* Thus, in relation to the previous statement the correct word required here is "*amendment*" which means a minor change or addition designed to improve a text, piece of legislation, etc. to make the paragraph comprehensible.

24. (1) *Option (a)* is the correct choice. "*Since*" can be used *as preposition, adverb or a conjunction. Here, since is used as a preposition which means in the intervening period between (the time mentioned) and the time under consideration, typically the present.* Thus, it is incorrectly used. However, the correct preposition required here is "over". "*over*" is used *to express duration. Also, "over the years" is a phrase which is used to imply a slow change.* Therefore, the correct word required to make the paragraph feasible is "over".

25. (4) *Option (d)* is the correct choice. Here, the subject "*percentage of profit*" is singular, therefore, to comply with the rule *of subject-verb agreement*, the appropriate verb should be single as well i.e., singular of "*were*" is "*was*". Thus, to make the sentence grammatically viable replace the verb "were" with "was".

26. (3) *Option (c)* is the correct choice. Replace "*then*" with "*than*" to make the sentence grammatically and contextually correct. "*then*" is an *adverb* which is used *to refer after that; next; afterwards.* However, "*than*" is a *conjunction* as well as a *preposition* which is used *to introduce the second element in a comparison.* So, to eliminate the error, option (c) is the correct choice.

27. (5) *Option (e)* is the correct choice. All the given words in the sentence are grammatically and contextually correct and provide a coherent meaning to the paragraph.

28. (1) *Option (a)* is the correct choice. The usage of the word "*comparing*" is incorrect as "comparing" is a *verb* which means *to estimate, measure, or note the similarity or dissimilarity between.* However, to make the sentence grammatically and contextually correct, the *adverb* form of the word "compare" is required i.e., "*comparatively*" which means *to a moderate degree as compared to something else; relatively.* As the error is in option (a) it becomes the correct choice.

29. (1) *Option (a)* is the correct choice. The word "*community*" is incorrectly used in reference to the theme of the passage. Therefore, to comprehend the paragraph, the correct word required here is "*calibration*" which is a *noun,* meaning *the action to adjust (experimental results) to take external factors into account or to allow comparison with other data.* Hence, option (a) becomes a viable answer choice.

30. (5) All the given words in the sentence are grammatically and contextually correct making the paragraph coherent. Thus, *option (e)* is the correct choice.

31. (1)
$$575 \times \frac{24}{8} - 125 = (?)^2$$
$$1725 - 125 = (?)^2$$
$$1600 = (?)^2$$
$$? = 40$$

32. (5)
$$125 \times 4 \times 5 - \frac{?}{4} = 2000$$
$$2500 - 2000 = \frac{?}{4}$$
$$? = 500 \times 4$$
$$? = 2000$$

33. (2)
$$\frac{(?)}{25} \times 4 - 96 + 5 = 25$$
$$? = \frac{116 \times 25}{4}$$
$$? = 29 \times 25$$
$$? = 725$$

34. (1)
$$1080 - 180 + 124 = (?)^2$$
$$1024 = (?)^2$$
$$? = 32$$

35. (4)
$$150 + ? - 76 = 324$$
$$? = 324 + 76 - 150$$
$$? = 250$$

36. (1)
Total markers sold by Deepak
$$= 450 + 650 + 550 = 1650$$
Total markers sold by Inder
$$= 800 + 750 + 650$$
$$= 2200$$
Required % $= \frac{2200 - 1650}{2200} \times 100$
$$= \frac{550}{2200} \times 100$$
$$= 25\%$$

37. (4)
'Y' markers sold by all the fives sellers
$$= 650 + 500 + 500 + 900 + 750 = 3300$$
'Z' marker sold by all the five sellers
$$= 550 + 700 + 600 + 750 + 650 = 3250$$
Required ratio $= \frac{3300}{3250} = \frac{66}{65}$

38. (2)
Average number of marker sold by
Yogesh $= \frac{600 + 500 + 700}{3} = 600$
Average number of marker sold by
Aman $= \frac{400 + 500 + 600}{3} = 500$
Required difference = 600 – 500 = 100

39. (5)
'X' type marker sold by Yogesh, Shubham
and Aman together = 600 + 750 + 400 = 1750
'Z' type marker sold by Yogesh, Shubham
and Inder together = 700 + 750 + 650 = 2100
Required % $= \frac{2100 - 1750}{2100} \times 100$
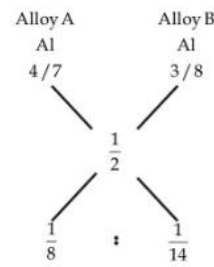$$= 16\frac{2}{3}\%$$

40. (3)
Required difference
$$= (450 + 650 + 550 + 600 + 500$$
$$+ 700 + 400 + 500 + 600) -$$
$$(750 + 900 + 750 + 800 + 750 + 650)$$
$$= 4950 - 4600 = 350$$

41. (2)

Alloy A   Alloy B
Al   Al
4/7   3/8
$\frac{1}{2}$
$\frac{1}{8}$: $\frac{1}{14}$

$$\Rightarrow 7 : 4$$

42. (2) Required ways $= {}^5C_1 {}^6C_4 + {}^5C_2 {}^6C_3 + {}^5C_3 {}^6C_2$
$$= 75 + 200 + 150$$
$$= 395$$

43. (4) Let present age of Ram be x and his son be y.
$$\frac{x - 5 + y - 5}{2} = 27.5$$
$$x + y = 65 \qquad ...(i)$$
Also,
$$x = 3y + 5 \qquad ..(ii)$$
Solving (i) & (ii)
$$x = 50$$
$$y = 15$$
Ratio of their ages $= \frac{50}{15} = 10 : 3$

44. (1) Ratio of their profit sharing
A : B : C $= 7 \times 3 : 8 \times 12 : 5 \times 7 = 21 : 96 : 35$
Annual profit = 136800
Difference b/w A and C's share of profit
$$= \frac{14}{152} \times 136800$$
$$= Rs\ 12,600$$

45. (5)
$$P\left(\frac{R}{100}\right)^2 = 51.84$$
$$P \times \frac{12}{100} \times \frac{12}{100} = 51.84$$
$$P = Rs\ 3600$$
Required Amount
$$= 3600\left[1 + \frac{10}{100}\right]^2 = 3600 \times 1.1 \times 1.1 = 4356$$

46. (2)
$$\frac{5}{4} \times 92 - 16 + ? = 101$$
$$99 + ? = 101$$
$$? = 2$$

47. (4)
$$(3 + 4 + 9 + 6) + \left(\frac{1}{2} + \frac{3}{4} + \frac{3}{4} + \frac{7}{8}\right) = ? + \frac{23}{8} + 19$$
$$22 + \frac{23}{8} = ? + \frac{23}{8} + 19$$
$$? = 3$$

48. (5)
$$34 - 12 + 178 - (?)^2 = 45 + 55$$
$$200 - 100 = (?)^2$$
$$(?)^2 = 100$$
$$? = 10$$

49. (1)
$$3996 - 3721 - (?)^2 = 3150 - 100 - 3000$$
$$275 - (?)^2 = 50$$
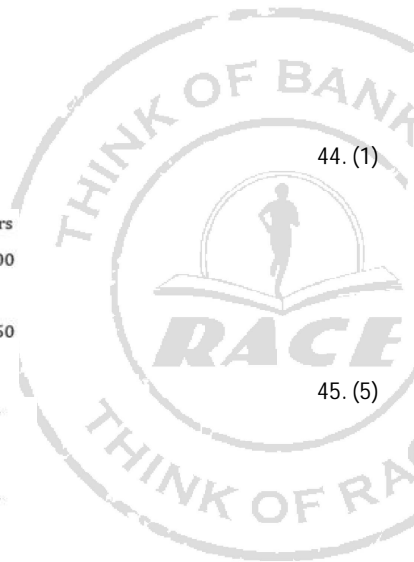$$(?)^2 = 225$$
$$? = 15$$

50. (5)
$$14 + 289 - 3 = ? - 632$$
$$? = 932$$

51. (3) In 2 hrs, Distance travelled by Car 'A' = 2 × 40 = 80 km
Car B will cross car A after $= \frac{80}{60 - 40} = \frac{80}{20} = 4$ hrs
So, Car B will meet Car A at = 7 + 4 = 11pm

52. (3) Let Ritu's investment be 7x and Priya's investment be 8x

Ratio of their profit = $\frac{7x \times 9}{8x \times 12}$ = 21 : 32

Difference between their shares in

profit = $\frac{32-21}{32+21} \times 34450$

= $\frac{11}{53} \times 34450$

= 7150

53. (5) SI = $\frac{10000 \times 10 \times 4}{100}$ = 4000

CI = $10000\left[1 + \frac{10}{100}\right]^4 - 10,000$ = 4641

CI – SI = 641

54. (3) Let total votes be 100

Valid votes = 100 - 10 = 90

Winner votes = 70% of 90

= $\frac{70}{100} \times 90 \Rightarrow 63$

Loser votes = 90 - 63 = 27

ATQ,

63 - 27 → 1800

36 → 1800

$100 \to \frac{1800}{36} \times 100$ = 5000

55. (2) Total marks scored by 30 boys

= 30 × 45 = 1350

Remaining marks scored by 20

girls = 2800 – 1350 = 1450

Required average = $\frac{1450}{20}$ = 72.5

56. (3)
4	18	48	100	180
2^3-2^2	3^3-3^2	4^3-4^2	5^3-5^2	6^3-6^2

57. (5) 2 → 4 → 12 → 60 → 420 → 4620

×2   ×3   ×5   ×7   ×11

58. (1) Fibonacci series

2 3 5 8 13 21

2 + 3 = 5

5 + 3 = 8

8 + 5 = 13

13 + 8 = 21

59. (4) 150 395 645 900 1160 1425

245 250 255 260 265

5 5 5 5

60. (3) 100 96 87 71 46 10

-2^2 -3^2 -4^2 -5^2 -6^2

61. (4) ? = $(6^2 - 3^2) \times (8^2 - 4^2) \div (10.5^2 - 1.5^2)$

? = $\frac{(6+3) \times (6-3) \times (8+4) \times (8-4)}{(10.5+1.5) \times (10.5-1.5)}$

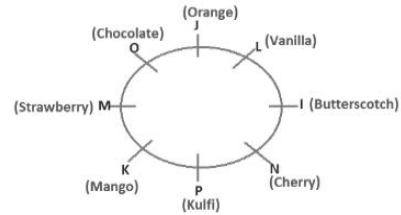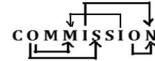? = $\frac{9 \times 3 \times 12 \times 4}{12 \times 9}$ = 12

62. (2) 35% of 540 + 410% of 30 = 39% of ?

$189 + 123 = \frac{39}{100} \times ?$

? = $\frac{312 \times 100}{39}$ = 800

63. (5) $?^2 = 40\%$ of $\frac{5}{11} \times 352$

$?^2 = \frac{2}{5} \times \frac{5}{11} \times 352$ = 64
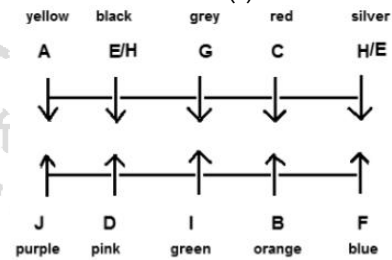
⇒ ? = 8

64. (1) $? \times \frac{11}{15} = \frac{195}{108} \times \frac{132}{65}$

? = 5

65. (3) ? = $\sqrt{60\% \text{ of } 850 + 80\% \text{ of } 550 - 83 \times 2}$

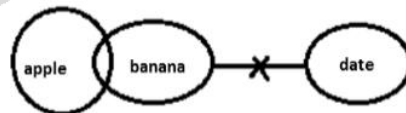= $\sqrt{510 + 440 - 166}$

= $\sqrt{784}$ = 28

66. (5)   **67. (3)**   **68. (1)**

69. (2)

70. (5) C O M M I S S I O N

71-75.

71. (1)   **72. (3)**

73. (4)   **74. (4)**   **75. (2)**

76-80.

yellow	black	grey	red	silver
A	E/H	G	C	H/E

J	D	I	B	F
purple	pink	green	orange	blue

76. (3)   **77. (5)**

78. (5)   **79. (2)**   **80. (3)**

81-82.

Words	Codes
data/very	la/mi
Is	fi
important	co
cold	za
paper	so

81. (5)   **82. (2)**

83. (5)

84. (2)

85. (1)
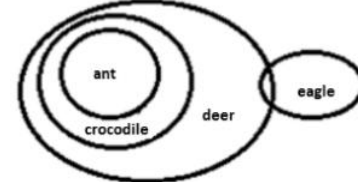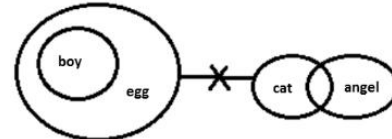
86-90.

Floor	Friends	Beverages
7	K	Soup
6	E	Tea
5	P	Juice
4	G	Green Tea
3	L	Coffee
2	M	Cold drink
1	X	Mojito

86. (4)   87. (3)

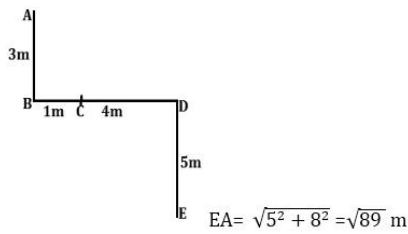88. (2)   89. (2)   90. (4)

91. (5)

S I G N I F I C A N T

92. (3)

93. (4)   A > C > D > B > E

94. (3)

$$EA = \sqrt{5^2 + 8^2} = \sqrt{89} \text{ m}$$

95. (4)

96-100.

MONTH	NAME	ACTOR
January	Atul	ShahRukh Khan
February	Madhu	Aamir Khan
April	Sarita	Varun Dhawan
June	Kajol	Akshay Kumar
July	Rohan	Irfan Khan
August	Vaibhaw	Saif Ali Khan
October	Rajiv	Ajay Devgan
December	Neeraj	Salman Khan

96. (1)   97. (2)

98. (3)   99. (4)   100. (4)