

SBI CLERK Preliminary Grand Test –SCP-180664 **HINTS & SOLUTIONS**

12.(2)

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

HINTS & SOLUTIONS

- 1. (4) 'or been damaged' is the correct use as the two verbs used 'collapse' is an Intransitive verb whereas 'damage' is the transitive verb.
- 2.(3) 'he repeats' is the correct use as the sentence is not a question but a statement for which 'subject + verb' is
- 3.(2) 'got used to living' is the correct use as 'to' used after 'used' is not an infinitive particle but a preposition and the verb that comes after any preposition is always in V4 form.
- 4. (1) 'in arousing' is the correct use as 'in +V4' is used after 'succeed'
- No improvement is required here. 5. (5)
- 6. (3) Refer the last few lines of first paragraph "But stifling your imagination is the worst thing you can do to yourself, as it will only pave the way for accelerated aging, and all too often a life that feels unfulfilled." Hence option (c) is the correct choice.
- 7. (3) Refer second paragraph of the passage "The creative individual does not see the sky as the limit, instead the limit is as far as he or she can imagine. They not only think outside the box, for them there is no box, and so

their brains are constantly challenged, humming and conjuring up all sorts of goodies". Other options are incorrect and not true or definite.

- 8. (2) Refer the third paragraph of the passage "our imagination may leave you in a good position to offer a shoulder for comfort and support, as you are able to envision going through the same thing as the person suffering." Hence option (b) is the correct choice.
- 9. (2) "The power of using your imagination" is an appropriate title of the passage as the passage revolves around the theme of advantages of being imaginative.
- The passage is about about using imagination for different purposes. All the given options are mentioned in the passage. Hence option (e) is the right choice.
- Refer the last paragraph of the passage "On the other hand, someone who uses their imagination may know something well, and be able to recall everything without seeming to make an effort." Recollect means to remember and is similar in meaning to recall. Hence option (c) is the correct choice.
 - Conjure means implore (someone) to do something. Hence it has same meaning as adjure.

Abject means of the most contemptible kind.

Abstruse means difficult to penetrate.

Dogmatic means pertaining to a code of beliefs accepted as authoritative.

Fatuous means devoid of intelligence.

- Quantified means express or measure the quantity of. Hence it has same meaning as appraise.
 - Extraneous means not belonging to that in which it is contained.

Expiate means make amends for.

Incumbent means necessary as a duty or responsibility, morally binding.

Inchoate means only partly in existence; imperfectly formed.

14.(4) Meticulous means in a way that shows great attention to detail, very thoroughly. Hence it has opposite meaning as imprecise.

Noxious means injurious to physical or mental health.

Obfuscate means make obscure or unclear.

Onerous means not easily borne, wearing.

15.(5) Envision means imagine as a future possibility, visualize... Hence it has opposite meaning as disregard. Pernicious means exceedingly harmful.

Pithy means concise and full of meaning.

Requisition means an authoritative request or demand.

Scurrilous means expressing offensive reproach.

16 – 20. The sequence after rearrangement of the sentences is DAECB.

16. (2)	17. (4)	
18. (4)	19. (4)	20. (2)
21. (2)	22. (4)	
23. (1)	24. (3)	25. (5)
26. (2)	27. (4)	
28. (5)	29. (1)	30. (3)

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31. (3)
$$? = \frac{40}{100} \times \frac{60}{100} \times \frac{3}{5} \times 2750 = 396$$

32. (4)
$$(14+16+14+12) + \left(\frac{1}{11} + \frac{3}{11} + \frac{4}{121} + \frac{3}{11}\right) = ?$$

$$? = 56 + \left(\frac{11+33+4+33}{121}\right)$$

$$= 56 + \frac{81}{121}$$

$$= 56 \frac{81}{121}$$

35. (4)
$$? = \frac{19600}{70} \times 16 \times \frac{1}{8} \times \frac{1}{14} = 40$$

Average weight of 3 men A, B, and C = 84 kg. \Rightarrow Total weight of (A + B + C) = 84 × 3 = 252 kg ⇒ After joining D, average of 4 men (A + B + C + D) = 80 kg \Rightarrow Total weight (A + B + C + D) = 80 × 4 = 320 kg \Rightarrow Weight of D = 320 - 252 = 68 kg \Rightarrow Weight of E = D + 3 = 68 + 3 = 71 kg

 \because B, C, D and E average weight = 79 Total weight $(B + C + D + E) = 79 \times 4 = 316 \text{ kg}$

According to questions 37. (4)

CP of 2 dozen bananas (24 bananas) is = Rs.32 SP of 1 dozen bananas (12 bananas) is = Rs. 12 SP of 18 bananas is Rs. 18

... Now shopkeeper reduced the rate to Rs. 4/dozen

Now SP of 1 dozen bananas is Rs. 4

SP of 6 bananas is Rs. 2

: SP of total 24 bananas is (2 dozens) is

Loss % =
$$\frac{12}{32} \times 100 = 37.5\%$$

38. (2)
$$R\% = \frac{\frac{2662 - 2420}{2420}}{\frac{2420}{2420}} \times 100$$
$$= \frac{\frac{242}{2420}}{\frac{2420}{2420}} \times 100 = 10\%$$

2 years CI % = 10 + 10+
$$\frac{10 \times 10}{100}$$
 = 21%

So, 121% = 2420

39. (1)
$$A + B = 94$$

$$\frac{A}{5} : \frac{B}{8} = 3 : 4$$

$$\frac{A \times B}{5 \times B} = \frac{3}{4}$$

$$\frac{A}{B} = \frac{3}{4} \times \frac{5}{8} = \frac{15}{32}$$

$$A : B = 15 : 32$$
Let A and B be 1

Let A and B be 15x and 32x respectively.

$$: 15x + 32x = 47x$$

$$47x = 94$$

$$x = 2$$

$$\therefore A = 2 \times 15 = 30$$

$$B = 32 \times 2 = 64$$

40. (2) (Total capacity)
$$\begin{array}{c}
180 \\
\text{efficiency} \rightarrow 5 \\
4
\end{array}$$

minutes
$$\rightarrow$$
 36 (B) (C)

(A + B)'s 7 minutes filling (A + B)

 $= (5 + 4) \times 7 = 63$ Units

Remaining capacity = 180 - 63 = 117 units

180

Now C is opened, it empties by 6 units/min.

So total units filled in tank is
$$= (5 + 4) - 6 = 3$$
 units/min

Now tank can be filled in = $\frac{117}{3}$ = 39 min.

Tank is filled up in

= 7 + 39 minutes = 46 min.

Marks scored by Yogesh in KOM and TOM together

Marks scored by Pratap in Mechanics & Machine design $together = (69 + 63)\% \times 200$

$$= 132 \times 2 = 264$$

Required difference = 280 - 264 = 16

Alternate,

Required difference = $(65 + 75 - 69 - 63)\% \times 200$

Total marks scored in Maths = (65 + 76 + 69)%

= 210%

42.(3)

Total marks scored in Machine design = (89 + 63 + 88)%

Required% =
$$\frac{240-210}{240} \times 100 = \frac{30}{240} \times 100 = 12.5\%$$

Average Marks scored by Yogesh in percentage [65 + 95 + 89 + 65 + 75]%

$$=\frac{389}{5}\% = 77.8\%$$

Average Marks scored by Pratap in four subject except TOM

$$\frac{(70+09+03+72)}{4} = \frac{280}{4}$$

Required difference = $(77.8 - 70)\% \times 200$

$$=\frac{7.8}{100}\times200=15.6$$

Average marks scored by Pratap in Maths& TOM together

$$= \frac{(76 + 84)\%}{2} \times 200$$

$$=80\% \times 200 = 160$$

Average marks scored by Ranjan in Maths, KOM & TOM all together $(69 + 51 + 72)\% \times 200$

$$= \frac{192}{3} \times 2 = 128$$

45. (4) Pratap's total marks

$$= \frac{(76+69+63+72+84)}{100} \times 200$$
= 728

Ranjan's total marks =
$$\frac{(69+68+88+51+72)}{100} \times 200$$

Required difference = 728 - 696 = 32

Alternate

Required difference

$$= [(76+69+63+72+84) - (69+68+88+51+72)] \times \frac{200}{100}$$
$$= [364-348] \times 2$$

$$= 16 \times 2 = 33$$

$$= 16 \times 2 = 32$$

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- ? = 666.06 + 66.60 + 0.66 + 6.06 + 6 + 60 = 805.3846. (2)
- $? = 69 \div 3 \times 0.85 + 14.5 3$ 47. (5) $=\frac{69}{1}\times0.85+11.5$
 - = 23 × 0.85 + 11.5 = 19.55 + 11.5 = 31.05
- $? = (10)^{24} \times (10)^{-21}$ 48. (4) $=(10)^{24-21}=10^3=1000$
- $? = 15 \frac{33}{4} 60\% \text{ of } \frac{6}{5}$ 49. (3) $= \left(\frac{60-33}{4}\right) - \frac{6}{5} \times \frac{60}{100}$ $=\frac{27}{18}=\frac{675-72}{100}=\frac{603}{100}=6.03$ 4 25 100 100
- $\sqrt{?} + 136 = 320 \times \frac{5}{8}$ 50. (4) $\Rightarrow \sqrt{?} + 136 = 200$ $\Rightarrow \sqrt{?} = 200 - 136 = 64$ ⇒?=64×64=4096
- Total interest rate for 51. (3) $x = 7.5 \times 4 = 30\%$ Total interest rate for $v = 7.5 \times 5 = 37.5\%$ Difference in rates = (37.5 - 30)%= 7.5%According to the question, 7.5% of sum = 150 1% of sum = $\frac{150}{7.5}$ Individual sum
 - $= \frac{150}{7.5} \times 100 = Rs. 2000$ Hence Required sum = Rs. 2000
- Let total no. of worker is 'N' 52.(2) According to question $\frac{N \times 100_{days}}{N} = \frac{(N-10) \times 110_{days}}{N}$
 - $\frac{1 \, work}{100 \text{N} = 110 \text{N} 1100} = \frac{1 \, work}{100 \, \text{N}}$ 10N = 1100 ⇒ N = 110
- 53. (1) 100 → Total unit water → efficiency 25 min. 20 min.
 - After '5' min the water fill by A + B $5 \times 9 = 45$ unit water Then remaining water unit = 100 - 45 = 55This remaining unit water filled by A $=\frac{55}{5}=11$ minutes
- Let the length of smaller line segment = x cm 54. (2) The length of larger line segment = (x + 2) cm According to question, $(x+2)^2 - x^2 = 32$ $x^2 + 4x + 4 - x^2 = 32$ $x = \frac{28}{4} = 7$
 - The required length = x + 2=7+2=9 cm

- Total distance covered by man in (1:30 pm 10:00 am)55.(3)
 - $3\frac{1}{2}$ hour = at a speed of 12 km/hr
 - $=12\times3\frac{1}{2}=42$ km. (Total distance)
 - Time taken by his elder brother to catch him = $3\frac{1}{2}$ hour -1 hour 15 min. ∴ Brother's time = 3 hr 30 min -1 hr 15 min = 2 hr 15 min
 - $=2\frac{15}{60}=2\frac{1}{4}\Rightarrow \frac{9}{4}$ hour ⇒ Brother's speed
 - $=\frac{42}{\frac{9}{4}}$ $\left\{ speed = \frac{distance}{time} \right\}$ $=18\frac{2}{3} \, km/h$
- Series is +8, +16, +24, +32, 40.... 56. (3) .: ? =153 + 32 =185
- 57. (2) Series is -7, -11, -13, -17, -19, -23(prime numbers) ∴? = 560 - 23 = 537
- 58. (4) Series is ×2, ×4, ×6, ×8, ×10.. ∴?=144×8 = 1152
- 59. (1) Series is ÷ 25, ÷ 20, ÷ 15, ÷ 10, ÷ 5 :.?=5÷5
- 60.(2) Series is ×10+10, ×8+8, ×6+6, ×4+4, ×2+2 ::? = 4060 ×2+ 2
- = 8122 61. (3) ? = 2570 ~ = 160 + 162 = 322 ? = 25% × 640 + 45% of 360
- 1550 62. (2) $-18 + \sqrt{?} = 65$ 25 $62 - 18 + \sqrt{?} = 65$ $44 + \sqrt{?} = 65$ $\sqrt{?} = 21$
- ? = 441 $? = 400 - 145 + 30 \times 12$ 63. (5)
- $12^2 + \frac{9600}{12} + ? = 35^2$ 64.(2 ? = 1225 - 144 - 800
- ? = 281 $(3)^7 = \frac{729}{81} \times \frac{27}{81}$ = 3
- 66. (4)
- 67.(2)
- 68.(1)

bracelet

necklace

nosering

DRACE Grand Test - SCP 180664 91. (1) I. Q < L (True) 69. (4) denmark II. R < L (False) I. A = W(False) latvia 92. (4) II. A < W(False) 93. (3) I. $P \leq L$ (False) II. P > L (Flase) 94.(2) I. $Z \ge F$ (False) II. M > F(True) 70. (2) 95. (5) I. B > I (True) idea vodaphone II. $H \ge F(True)$ 96. (5) 474 airtel 97. (3) (5+8+1)= 14 98. (2) 8*5=40 71 - 75 99. (3) Two 100. (3) Two goodday 6 M Hide&seek 5 Parle G L Р 4 Tiger 3 0 Snacks 2 Q Oreo 1 N Lite 71. (4) 72. (1) 73. (3) 74. (5) 76 – 80. Days Person Places Monday E Forrest Tuesday lake Wednesday theater Thursday D/G Z00 Friday park A Saturday G/D carnival Sunday circus 77. (1) 76. (2) 78. (5) 79. (4) 80.(2) 81 - 85. 81. (2) 82. (1) 84. (4) 83. (3) 86-90. Sri Lanka DUAE **-C/G** South Africa Afghanistan υĸ Russia H USA 87. (5) 86. (4) 88. (3) 89.(3) 90.(2)

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