Grand Test - SPP 170231



## SBI PO Preliminary Grand Test - SPP-170331 **HINTS & SOLUTIONS**

## 1.(1) Only A

- All A, B and C 2.(4)
- The report mentioning that only a small percentage of 3. (3) graduates were employable in software Industry
- 4.(2) The commercialisation of education has already started in India
- 5.(2) Creation of autonomous institutes for management and technology which were not under university control
- 6. (5) All are true
- 7.(1) The meaning of the word Devious (Adjective) as used in the passage is : behaving in a dishonest or indirect way, or tricking people in order to get something; deceitful; underhand.
  - Look at the sentence :

He got rich by devious means. Hence, the words devious and dishonest are synonymous.

The meaning of the word Measure (Noun) as used in 8. (3) the passage is : an official action that is done in order to achieve a particular aim; step. Look at the sentence : The government must take tough measures to combat

crime. Hence, the words measures and steps are synonymous.

9. (5) The meaning of the word Promote (Verb) as used in the passage is : to help some-thing to happen or develop; encourage.

> The word Hamper (Verb) means : to prevent somebody from easily doing or achieving something; hinder. Hence, the words promoting and hampering are antonymous.

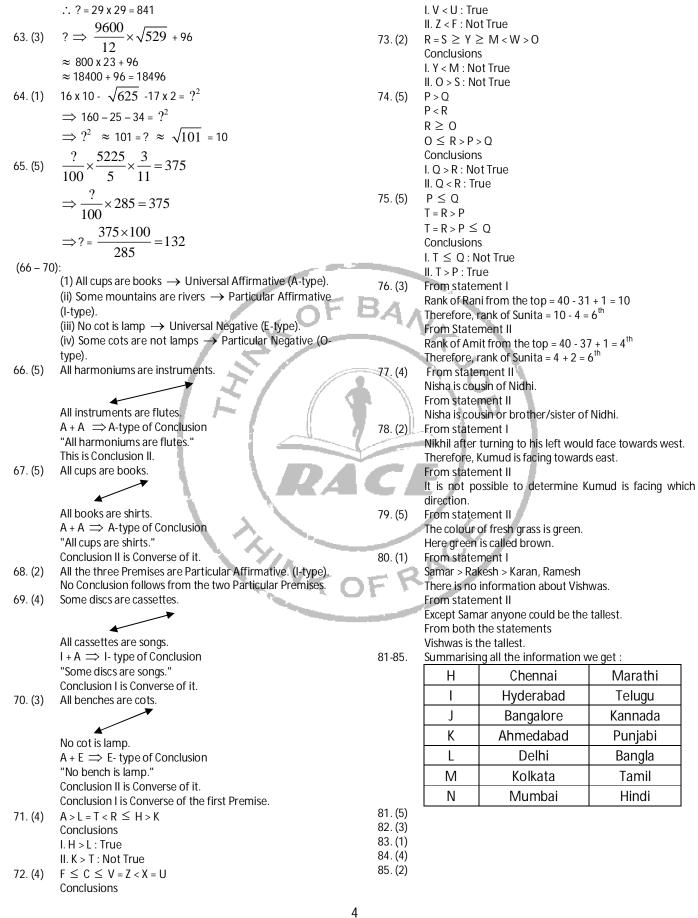
The meaning of the word Noteworthy (Adjective) as 10. (2) used in the passage is : deserving to be noticed or to receive attention because it is important; significant. Hence, the words noteworthy and insignificant are antonymous.

- 11. (5)
- 12. (1)
- 13. (2)
- 14. (4) 15. (2)
- 16. (1)
- Here, which has been used for strategies (Plural). More over, important (Adjective) should be used. Hence, which are very important, is being ignored ......should be used.
- 17. (2) Adverb is used to modify a verb. Incorrect is an adjective.
- 18. (3) Here, there are subject-verb agreement and preposition related errors. Hence, The naming and numbering rules at the NHC are required for ...... should be used. Here system is Noun.
- 19. (5)
- 20. (2) To show purpose, infinitive should be used. To express generality, Present Simple should be used.
- 21. (3) There are two possibilities in future. Hence, the first possible event should be expressed in Simple Present. Hence, re-place 'if I have recovered' by if I recover.

- 22. (2) In Indirect statement, if Reporting Verb Past Tense then the verb is in of Reported Speech will also be in Past Tense. Hence, that the taxes would be .... ...a correct usage.
- 23. (4) When we use Neither.....nor, the verb agrees with the number/person of the noun/pronoun used after 'nor. Hence, knowledge was required .....will be correct usage.
- 24.(1) Replace 'instead of by 'in spite of. Look at the sentence : They went swimming in spite of all the danger signs. Now I can walk to work instead of going by car.
- 25.(4) Replace group of words 'to five year's imprisonment' by 'to five-year imprisonment'.
- Remember : Numeral Adjective + hyphen + Noun (Singular).
- 26. (2) rises
- 27.(1) prevents
- 28. (3) associated 29. (2) impacts
- working 30. (4)
- The pattern is : 31. (4)
- 1500 100 = 1400
  - 1400 116 (= 100 + 16) = 1284
  - 1284 164 (= 116 + 3 x 16) = 1120
  - 1120 308 (= 164 + 48 x 3) = 812 812 - 740 (= 308 + 3 x 144)= 72
- 32.(1) The pattern is :
- 4 x 2 +1 = 8 + 1= 9 9 x 3 +2 =27 +2 =29
  - 29 x 4+3=116+3=119
    - 119 x 5 + 4= 595+4=599
    - 599 x 6+ 5= 3594 +5 = 3599
- The pattern is : 33.(4) 10 x 1.5 = 15
  - 15 x 2 = 30 30 x 2.5 = 75
  - 75 x 3 = 225
- 225 x 3.5 = 787.5
- 34. (2) The pattern is : 2 x 1 + 7 = 2 + 7 = 9 9 x 2 + 7=18 + 7=25 25 x 3 + 7 = 75 + 7 = 82 82 x 4 +7=328 + 7=335 335x 5+7=1675+7= 1682
- 35.(1) The pattern is : 121 - 3 = 118 118 - 8 (= 3 + 5) = 110 \_ 110 - 15 (= 8 + 7) = 9595 - 24 (= 15 + 9) = 71 71 - 35 (= 24 + 11) = 36
- 36 40. Students in college E  $\implies$  450 College C  $\implies$  450  $\times$  2 = 900

Grand Test - SPP 170231  
Cotege A 
$$\Rightarrow \frac{900 \times 100}{60} = 1500$$
  
Cotege A  $\Rightarrow \frac{900 \times 100}{60} = 1500$   
Cotege A  $\Rightarrow \frac{900 \times 100}{60} = 1500 + 4 - 600$   
Cotege A  $\Rightarrow \frac{900 \times 100}{60} = 1500 + 4 - 600$   
Cotege A  $\Rightarrow \frac{900 \times 100}{60} = 1500 + 675 = 2175$   
Required parcent  $= \left(\frac{3375 - 2175}{2175} \times 100\right)$   
 $= \frac{122000}{2175} = 55$   
37. (5) Incollege D  $= 324 \times \frac{3}{4} = 243$   
 $= 450 \cdot 243 = 207$   
 $= 100 \times 12^{4} = 52^{2} \times 275 = 324$   
Cirits in college C  $= 324 \times \frac{3}{4} = 243$   
 $= 450 \cdot 243 = 207$   
 $= 1008$   
Students in science or commerce streams  
 $= \frac{1680 \times 60}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{1680 \times 60}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{1680 \times 60}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{1680 \times 60}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 1008$   
Students in science or commerce streams  
 $= \frac{120 \times 5}{100} = 4.64$  thousands  
 $A = 000 (900 \times 000 - 900 (900 \times 000 + 900 \times 000 + 900 \times 000 \times 00$ 

🔔 RACE Grand Test - SPP 170231 .: Population of middle and lower economic class = 6860 B's share in profit =  $\frac{3}{6} \times 45000 = \text{Rs.}22500$ + 10290 = 17150 $\therefore \left( x - \frac{3x}{10} \right) = \frac{7x}{10} = 17150$ Let principal be Rs. x 57.(2)  $\therefore \text{Principal} = \frac{S.I \times 100}{Time \times Rate}$  $\Rightarrow$  x =  $\frac{17150 \times 10}{7}$  = 24500  $=\frac{12000\times100}{2\times8}$  = Rs. 75000 52. (4) Part of tank filled by A and B in 1 hour =  $\frac{1}{5} - \frac{1}{8}$ Case II Amount =  $P\left(1 + \frac{R}{100}\right)^{1}$  $=\frac{8-5}{40}=\frac{3}{40}$  $= 75000 \left( 1 + \frac{10}{100} \right)^2$  $\therefore$  Time taken in filling the tank completely =  $\frac{40}{2}$  hours  $\therefore$  Time taken in filling the  $\frac{2}{5}$  th part of tank  $=75000\left(1+\frac{1}{10}\right)^{2}$  $=\frac{40}{3}\times\frac{2}{5}=\frac{16}{3}=5\frac{1}{3}$  hours  $= 75000 \times \frac{11}{10} \times \frac{11}{10}$ 53. (2) Breadth of rectangle = x metre (let) = Rs. 90750  $\therefore$  Length = (x + 5) metre  $\therefore 2(x + 5 + x) = 86$ diagonal Side of square = 58.(1)  $\Rightarrow 2x + 5 = 43$  $\Rightarrow$  2x = 43 - 5 = 38  $\frac{8\sqrt{2}}{-} = 8$ cm  $\Rightarrow$  x = 19 metre = breadth = base : Length = 19 + 5 = 24 metre = height  $\therefore$  Area of triangle =  $\frac{1}{2} \times$  base  $\times$  height : Length of rectangle = 8 cm : Breadth = 8 - 5 = 3 cm  $\therefore$  Area of rectangle = 8  $\times$  3 = 24 sq.cm.  $=\frac{1}{2} \times 24 \times 19 = 228$  sq.metre 59. (1) Volume of earth taken out =  $(30 \times 20 \times 12)$  cu. metre = 7200 cu. metre 54. (5) Let  $\angle A = x^2$ The region where earth is to be spread out = (500 × 30 - 30 × 20) sq. metre  $\therefore \angle B = x + 26$ 15000 - 600 = 14400 sq. metre  $\angle C = \frac{x+26}{2} = \frac{x}{2} + 13$ 7200 ∴ Rise in level 14400  $\angle D = \frac{x}{2} + 3$ metre  $\therefore x + x + 26 + \frac{x}{2} + 13 + \frac{x}{2} + 3x + x + 26 + 2 - x + 13$ = 50 cm. 60.(1) Total number of balls in the bag = 4 + 6 + 5 = 15 $3 = 360^{\circ}$ Total possible outcomes = selection of 3 balls out of 15 ⇒ 3x = 360 - 42 =318° balls  $= 15_{C_3} = \frac{15 \times 14 \times 13}{1 \times 2 \times 3} = 455$  $\Rightarrow$  x =  $\frac{318}{3}$  = 106° Required ratio = 6:4=3:2Favourable outcomes = selection of 3 balls out of 9 balls 55. (5) 56. (2) Let B's investment = Rs. x(except orange balls)  $=9_{C_3} = \frac{9 \times 8 \times 7}{1 \times 2 \times 3} = 84$  $\therefore$  A's investment = Rs.  $\frac{x}{2}$ 61.(4)  $16^2 + 144 + 24 + ? = 784$ and C's investment = Rs.  $\frac{2x}{3}$  $\Rightarrow$  256 + 144 + 24 + ? = 784  $\Rightarrow$  424 +? = 784  $\implies$ ? = 784 - 424 = 360  $\therefore$  Ratio of profit sharing =  $=\frac{x}{2}$ : x:  $\frac{2x}{2}$  $\frac{2430}{16} - 16.97 + \sqrt{?} = 164$ 62.(2) = 1 : 3 : 2 Sum of the ratios = 1 + 3 + 2 = 6 $\Rightarrow$  152 - 17 +  $\sqrt{?}$  = 164  $\Rightarrow \sqrt{?} = 164 - 135 = 29$ 3



Grand Test - SPP 170231

🔔 RACE

