## Grand Test – ISP 171204

## **IBPS SO PRELIMINARY GRAND TEST – ISP171204**

			ANSW	ER KEY			
1. (1)	21. (3)	41. (4)	61. (4)	81. (3)	101.(4)	121. (1)	141. (1)
2. (5)	22. (5)	42. (3)	62. (1)	82. (1)	102. (2)	122. (5)	142. (1)
3. (2)	23. (3)	43. (4)	63. (3)	83. (4)	103. (1)	123. (4)	143. (1)
4. (3)	24. (4)	44. (3)	64. (2)	84. (1)	104. (3)	124. (2)	144. (3)
5. (1)	25. (1)	45. (4)	65. (5)	85. (4)	105. (3)	125. (5)	145. (4)
6. (4)	26. (2)	46. (3)	66. (2)	86. (3)	106. (1)	126. (1)	146. (2)
7. (2)	27. (3)	47. (5)	67. (5)	87. (1)	107. (3)	127. (4)	147. (3)
8. (3)	28. (2)	48. (4)	68. (5)	88. (1)	108. (2)	128. (4)	148. (1)
9. (1)	29. (5)	49. (4)	69. (4)	89. (2)	109. (2)	129. (2)	149. (2)
10. (5)	30. (3)	50. (2)	70. (4)	90. (3)	110. (5)	130. (2)	150. (5)
11. (1)	31. (5)	51. (3)	71. (4)	91. (4)	111. (4)	131. (5)	
12. (1)	32. (3)	52. (2)	72. (1)	92. (3)	112. (5)	132. (3)	
13. (5)	33. (4)	53. (3)	73. (2)	93. (4)	113. (4)	133. (2)	
14. (4)	34. (2)	54. (5)	74. (3)	94. (1)	114. (2)	134. (4)	
15. (3)	35. (2)	55. (1)	75. (2)	95. (2)	115. (3)	135. (1)	
16. (2)	36. (3)	56. (4)	76. (3)	96. (2)	116. (4)	136. (4)	
17. (3)	37. (3)	57. (3)	77. (4)	97. (1)	<u> </u>	137. (1)	
18. (4)	38. (3)	58. (2)	78. (1)	98. (3)	118. (2)	138. (3)	
19. (1)	39. (5)	59. (3)	79. (5)	99. (1)	119. (2)	139. (3)	
20. (5)	40. (4)	60. (1)	80. (1)	100. (3)	120. (4)	140. (2)	

### **HINTS & SOLUTIONS**

elephant

dog

rat

014

6-10.

6.(4)





rat

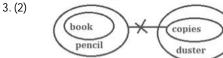
(dog

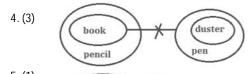
cow

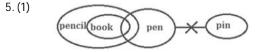
elephant



3 (2)







Professors		Buildings		
	English	Mathematics	History	
G		×	×	Three
Н	×	×		Six
I	×		×	Five
J	×	×		Seven
K		×	×	Four
L	×		×	One
М	×	V	×	Two
	7	. (2) . (1)		
	9	(1)		10. (

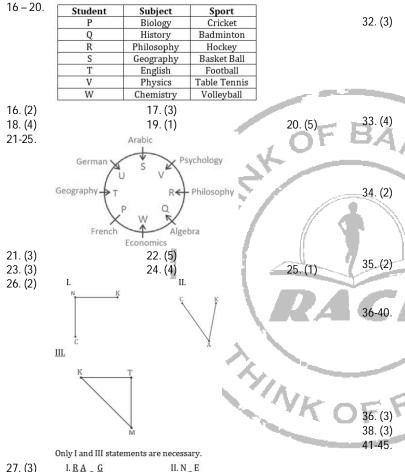
- 8. (3) 9. (1) 10. (5)
  11. (1) Why was the airport was put on a full alert? The authority must be assuming assumption I. Hence, Assumption I is implicit but II is not. Again, to put the airport on a full alert indicates that the authority must be assuming assumption III also.
- 12. (1) Only assumption I is implicit. III is not implicit because the reason behind this decision is that the witnesses or victims can't be felt any problem regarding the case. They can be pressurized by the accused to change their witnesses. The decision is not given because of the court's immediate concern for the victims.
- 13. (5) Only I follows. What is being told is genuine .On learning this, the blood donors will get attracted by the win-win proposition, thus simultaneously meeting the blood requirement to a large extent. Statement II is not a

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practical course of action. Statement III is not an immediate course of action as blood banks can be created only after the sufficient blood donors are available.

- 14. (4) Action I is the right course of action because training to the staff as to safety aspects of handling explosive material will reduce the chances of such accidents in future .Action II is also a right course as it will work as deterrent to check any negligence, in such work.
- 15. (3) statement (c) is the correct option because according to this the increase in crime rate has been contributed by other factors , not leniency in the punishment. so it weakens the given passage.



27. (3) I. <u>R A \_ G</u> III. A \_ E

Statements I and II are sufficient to answer.
28. (2) From I- Neetu's ank will be helpful in obtaining Babita's rank and the latter's rank will be helpful in obtaining Ritika's rank.

From II & III – Kamla's rank will be helpful in obtaining Babita's rank and the latter will be helpful in obtaining Ritika's rank.

- 29. (5) From The first statement S can be either mother or father of T. From the second statement we can say that G is the mother of T. So we can say that S is not the mother of T. Hence the answer can be obtained from I & II both statements.
- 30. (3) From statement I, K is facing the centre and A is third to the right of K. Now if A is facing the centre, the person on his second right should be K but it is given B. So A is not facing the centre i.e. all of them are not facing the centre.

**RACE** 

Similarly from statement II, if all are facing the centre, then second to the right of C should be F but it is given as K which means all of them are not facing the centre.

- 31. (5) The conclusion of the argument is that landmark preservation laws deprive landlords of their right to use their own property. (e) comes to grips with this assumption by nothing that a landmark building may not be purely private property and some part of building may belong to the community at large. (a) does not valid as it represents only a partial attack on argument.(b) strengthens the claims that landmark preservation laws represent an unwanted interference with the rights of the landlord.
  - (3) The argument states that people who follow the appropriate strategies for counteracting their genetic susceptibilities to disease will never get sick. How can it be that they would never get sick? The argument requires an assumption about the cause of all sickness that every known disease of humans must correspond to some genetic susceptibilities. So (c) is the correct option.

The author argues for the following connection: videos take money away from movies. What choices (d) asserts, in effect, is that the money spent on videos came from some other source.so,(d) statement undermines the given passage.

A hike in fees is no means to make the students more serious in studies. So, argument I is vague. However, with the increase in fees, poor meritorious students would not be able to afford post-graduate studies. So, argument II holds.

Oil, being an essential commodity, our country must keep it in reserve. So, argument I is vague, while argument II holds as it provides a substantial reason for the same.

FRIENDS COLLEAGUE		MARKET	ITEMS	
G	M/N	Janpath	Clothes	
Н	X	Lajpat	Jewellery	
Ι	Z	Sarojini	Jewellery	
J	M/N	Janpath	Footwear	
К	Y	Chandni chowk	Bag	
L	0	Connaught place	Footwear	
	37. (	(3)		
	39. (	5)		

40. (4)

45. Input: next 57 problem 82 14 trend 02 purchase growth 41

Step I :growth next 57 problem 82 14 trend 02 purchase 41

Step II :growth 02 next 57 problem 82 14 trend purchase 41

Step III : growth 02 next 14 57 problem 82 trend purchase 41

Step IV : growth 02 next 14 problem 57 82 trend purchase 41  $\,$ 

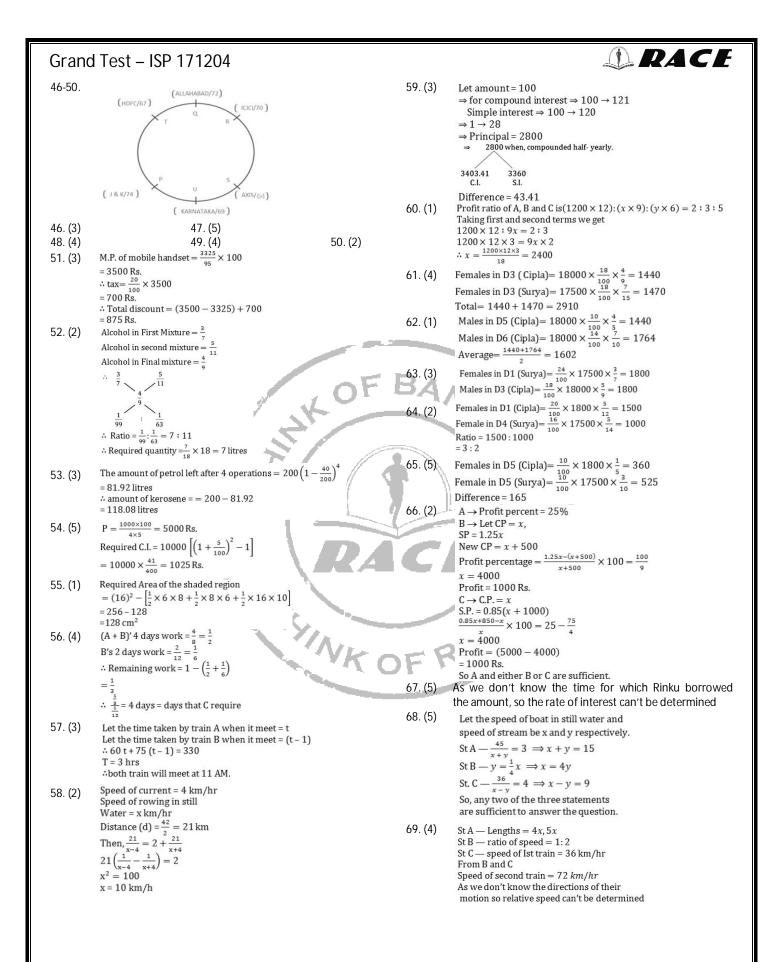
Step V : growth 02 next 14 problem 41 57 82 trend purchase

Step VI : growth 02 next 14 problem 41 purchase 57 82 trend

Step VII : growth 02 next 14 problem 41 purchase 57 trend 82

 41. (4)
 42. (3)

 43. (4)
 44. (3)
 45. (4)



#### I RACE Grand Test – ISP 171204 St. C $-\frac{\sqrt{3}}{4}a^2 = 16\sqrt{3}$ , from here side of the equilateral triangle and height Difference 80.(1) Item 70.(4) $\times 7200 - \frac{60}{360} \times 4800 = 320$ Clothing can be calculated. 1400 - 1200 Rent = 200 St. B — Side of triangle = $\frac{48}{3\times 2} = 8$ Food 2200-1280 920 $h = \frac{\sqrt{3}}{2}a$ 780-640 = 140 Misc. St. A — no conclusion 300-240 Light 60 = So using either B or C alone we can Education 1400-640 = 760 find the height. 6×2 = 12, 12 × 3 = 36, 36 × 4 = 144, 144 × 5 = 720 ≠ 722 81. (3) Average annual growth rate 71.(4) $=\frac{1}{2} \times \left[\frac{(4600 + 3800 + 1800) - (3820 + 2460 + 544)}{(3820 + 2460 + 544)}\right] \times 100$ $21^3 = 9261, 19^3 = 6859..., 11^3 = 1331 \neq 1321$ 82.(1) (3820 + 2460 + 544) $\frac{1}{2} \times \frac{(10200 - 6824)}{6824} \times 100$ 83. (4) All are prime numbers except 57 Three are two series 84. (1) $8,\,16,32,\,64,\,\&\,12,\,24,\,48,\,96,\neq98$ = 24.73%85. (4) $2 \times 7 - 1 = 13, 13 \times 6 - 2 = 76, 76 \times 5 - 3 = 377, 377 \times 4 - 4 = 1504 \neq 1506$ 72.(1) Average amount spent in 1998 Required Answer = $\frac{35}{100}(30 + 15 + 15)$ 86. (3) $=\frac{3820+2460+544}{2}=\frac{6824}{2}=2274.66$ $=\frac{35\times60}{100}=21$ lakh 3 3 ≈ 2275 Req. percentage = $\frac{3800-2275}{2275} \times 100$ 87.(1) It can be clearly seen from the graph that maximum variation in production in production is of aircel sim $=\frac{1525}{2275}\times100=67.03\%$ cards=(40% of 44lakh-30% of 35 lakh)=7.1 lakh Req. Percentage = $\frac{\frac{25}{100} \times 610}{(4120 + 2900 + 610)} \times 100$ Required difference = $\frac{44 \times 20}{100} - \frac{35 \times 15}{100}$ 88. (1) 73. (2) = 880-525 15250 $=\frac{100}{355}$ $=\frac{355}{100}$ lakh $=\frac{11}{7630}$ = 1.99% $\approx 2\%$ = 355000 Required Production = $\frac{44\times30}{100}$ lakh = 1320000 Required No. = $35 \times \frac{10}{100} \times \frac{15}{100} + 44 \times \frac{10}{100} \times \frac{15}{100}$ 74. (3) Difference 89. (2) $=\frac{(2460+544+2900+610+3800+1800)}{(2460+544+2900+610+3800+1800)}$ 90. (3) $= \frac{150}{10000} \times 79$ = 1.1850 lakh (3820 + 4120 + 4600) 12114~12540 = 118500= 426 3 91. (4) Ratio of investments of A, B and C $= \left(\frac{7}{2} \times 4 + \frac{105}{20} \times 8\right): \frac{4 \times 12}{3}: \frac{6 \times 12}{5}$ 3 = 142 ⇒ 56 : 16 : 14.4. Therefore, B' share Year % share $=\frac{16}{86.4} \times 21600 = Rs.4,000.$ 75.(2) of print Three vowels can be placed in media 92. (3) 1998 55.97% 3 odd places in ${}^{3}c_{3} \times 3!$ 1999 53.99% = 6 ways 2000 45.09% Total ways = $6 \times 3! = 36$ <u>360</u>×4800 93. (4) Taking 3 particular persons as single entity, 76. (3) Req. Ratio = $\frac{360}{100} \times \frac{48}{360} \times 4800 + \frac{30}{100} \times \frac{39}{360} \times 7200$ we have 12 - 3 + 1 = 10 persons to be seated. No. of ways of seating these 10 persons 640 $= (10 - 1)! \times 3! = 9! \times 3!$ 384 + 234Total no. of ways of seating 12 640 618 320 persons = (12 - 1)! = 11! Required probability $=\frac{9!\times 3!}{11!} = \frac{3\times 2}{11\times 10} = \frac{3}{55}$ = 309 Let no. of wickets = x94. (1) Req. Percentage $=\frac{\frac{196}{360} \times 7200}{\frac{246}{760} \times 14400} \times 100 = 39.83\%$ 77.(4) Total runs given till last match = $12.4 \times x$ $\frac{12.4x+26}{2} = 12$ , x = 8578.(1) x+5 Expense on education $=\frac{\frac{48}{360}}{\times} \times 4800 + \frac{70}{360} \times 7200$ 95.(2) = 2040 Expense on rent = $\frac{90}{360} \times 4800 + \frac{70}{360} \times 7700$ = 2600 Req. percentage = $\frac{(2600-2040)}{2600} \times 100$ = 21.53%Req. ratio = $\frac{\frac{18}{360} \times 4800}{\frac{39}{39} \times 7200}$ 79. (5) 39 360×7200 4 $=\frac{1}{13}$

(Note: Doubled expenses don't alter the ratio)

No. of pens = 200, 150, 100

So the ratio of all types of pen = 4:3:2

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- 96. (2)  $42.8 \times 13.5 \times 16.2 \times ? = 2340.09$  $\therefore ? = \frac{2340.09}{42.8 \times 13.5 \times 16.2} = 0.25$
- 97. (1)  $(3.7)^{-3} \times (13.69)^{-2} \times \frac{1}{50.653} \div (13.69)^{-5} = (3.7)^{?}$ Or,  $(3.7)^{?} = (3.7)^{-3} \times (3.7)^{-2 \times 2} \times (3.7)^{-3} \times (3.7)^{10}$  $= (3.7)^{-3-4-3+10} = (3.7)^{0}$  $\therefore ? = 0$
- 98. (3)  $\frac{27}{17} \times 2295 \div 9 ? = \sqrt{729}$ Or, ? =  $\frac{27}{17} \times 2295 \div 9 - 27$ =  $\frac{27 \times 135}{9} - 27$ =  $27 \times 15 - 27 = 405 - 27 = 378$
- 99. (1)  $486 \div ? \times 7392 \div 66 = 1008$  $0r, \frac{486}{?} \times \frac{7392}{66} = 1008$  $\therefore ? = \frac{486 \times 7392}{66 \times 1008} = 54$
- 100. (3) 17.8% of ?=  $427.2 \times 8.4\%$  of 135 Or,  $\frac{17.8 \times ?}{100} = \frac{427.2 \times 8.4 \times 135}{100}$  $\therefore$  ?=  $\frac{427.2 \times 8.4 \times 135}{17.8} = 27216$
- 101.(4) Option (1) is incorrect as they just used the concept formulated by Lorin. Option (2) is incorrect as they were used first in 1950s. Option (3) is incorrect as it is happened in 1947. Only option (4) is true.
- 102. (2) Only option (2) is correct since paragraph tries to answer the question 'How much bigger can airplanes get?'
- 103. (1) Option (1) is the correct choice. Although each of the other options is mentioned specifically in the context of the V-22, the question is specific about the difference between the V-22 and a standard plane.
- 104. (3) The 3rd paragraph clearly mentions the cause for the non use of radars a decade from now.
- 105. (3) It is obviously the correct choice and it will be more clear by interpreting the final sentence of the passage correctly.
- 106. (1) Imperative means of vital importance; crucial hence exigent is the word most similar in meaning.
- 107. (3) Stealthy means behaving or done in a cautious and surreptitious manner, so as not to be seen or heard hence surreptitious is the word most similar in meaning.
- 108. (2) Propulsion means the action of driving or pushing forwards hence impediment is the word most opposite in meaning.
- 109. (2) Inferior means lower in rank, status, or quality hence Maverick is the word most opposite in meaning.
- 110. (5) Propellant means drive or push something forwards hence abridge is the word most opposite in meaning.
- 111. (4)
- 112. (5) There is no correction required.
- 113. (4) The main verb is 'strike' and its past participle form is 'struck' which should be used, between option (2) and (4), option (4) is correct but option (2) is incorrect as it has an additional preposition 'for'.
- 114. (2) Replace 'have' with 'had' as the given sentence is in past tense.
- 115. (3)
- 116-120. The correct sequence is DEAFCB
- 116. (4) 117. (5)
- 118. (2) 119. (2) 120. (4)
- 121. (1) Substitute 'their' for 'its' because 'officers' are plural.
- 122. (5) No error.
- 123. (4) Substitute 'blocked' for 'had block'
- 124. (2) Delete 'that'.
- 125. (5) There is no error in the statement.
- 126. (1) use 'women' in place of 'woman'.

- 127. (4) replace 'waiting' with 'left'.
- 128. (4) Replace 'under' with 'within'
- 129. (2) Replace 'mine' with 'mining'
- 130. (2) Change 'respectively' into 'respectfully'.
- 131. (5) Relying means to depend on with full trust or confidence.
- 132. (3) 'opportunities unemployable' fits the blank perfectly.
- 133. (2) Provoked means to stimulate or give rise to (a reaction or emotion, typically a strong or unwelcome one) in someone.
- 134. (4) 135. (1)
- 136. (4) All are socialists, though Robespierre has been mentioned as an example of a person who till now was thought to be a typical instance of attributes needed for being a revolutionary socialist, does come up to them.
- 137. (1) Refer to the line from paragraph 2...,"Whatever may be the difficulties of the first of these two forms of socialism, the second must evidently involve the same difficulties and many more" which explains that option (1) is the right answer choice.
- 138. (3) The answer to this question can be found in paragraph 1 of the passage. It explains that the first believe in gradual change while the others believe in revolutionary change. Option (3) is the right choice.
- 139. (3) Option (3) does not find a mention in the passage.
- 140. (2) It is directly given in the passage that the aim of revolutionary socialism is to take over everything and then things in one go. This makes option (2) the correct answer.
- 141. (1) The author does not exhibit sympathies for any one side in particular. He adopts a descriptive approach in the passage
- 142. (1) Subversion means overthrowing something, like a government or law hence fealty is the word most opposite in meaning.
- 143. (1) Serene means calm, peaceful, and untroubled; tranquil hence perturbed is the word most opposite in meaning.
- 144. (3) Avow means 'To declare or affirm solemnly and formally as true'. Proclaim means "Declare formally; declare someone to be something; of titles'.
- 145. (4) Misery means a state or feeling of great physical or mental distress or discomfort hence forlorn is the word most similar in meaning.
- 146. (2) Use 'you return from' as we never use back after return.
- 147. (3) Auxiliary verb is used before subject in the sentences starting from No sooner, hardly, scarcely, rarely, seldom.
- 148. (1) we use Be + v3 in passive voice hence option (1) is the correct answer.
- 149.(2)
- 150. (5) remember with 'hesitate' we use 'to + v1'.