

# IBPS PO Preliminary Grand Test –IPP-180923 HINTS & SOLUTIONS

14.(2)

16.(1)

17.(2)

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

## **HINTS & SOLUTIONS**

- 1.(2) "critiques" is the correct word replacement as it means a detailed analysis and assessment of something, especially a literary, philosophical, or political theory.
- 2.(4) "standardized" is the correct word replacement as it means cause (something) to conform to a standard.
- 3.(1) "castigated" is the correct word replacement as it means reprimand (someone) severely. Also, it is to be noted that the sentence is in Passive form.
- 4.(3) "foresee" is the correct word replacement as it means be aware of beforehand; predict.
- 5.(5) "models" is the correct word in context of its usage in the sentence. So it doesn't require any correction.
- 6.(2) "vigorously" is the correct word replacement as it means forcefully.
- 7.(1) "fad" is the correct word replacement as it means an intense and widely shared enthusiasm for something, especially one that is short-lived; a craze.
- 8.(3) "impossible" is the correct word replacement as it means very difficult to deal with.
- 9.(5) "humility" is the correct word in context of its usage in the sentence as it means the quality of having a modest or low view of one's importance.

- 10.(4) "unconventional" is the correct word replacement as it means not based on or conforming to what is generally done or believed.
- 11.(3) "greatest gift to mankind, denotes passion or firmness" is the correct set of phrases in context of the sentence structure and subsequent grammar usage.
- 12.(5) As the sentence is in passive form, "has been keen on having them fitted, being manufactured by" are the correct phrases in context of the sentence structure and grammatical usage. Hence it doesn't require any correction.
- 13.(1) "to countering terrorism, more excuses to continue living" is the correct set of phrases in context of the sentence structure and subsequent grammar usage.
  - "as in India, rests with the elected" is the correct set of phrases in context of the sentence structure and subsequent grammar usage.
- 15.(5) The given sentence is grammatically correct.
  - It is said in the 1st paragraph that they never have seemed to realize the importance of the experiment and author also mentions in the same paragraph that crudeness of their instruments of measurement is just an excuse which makes option (3) incorrect hence option (1) is the correct option.
  - Metamorphosing the problems of physics into the problems of mathematics constitutes the essential characteristic of the Newtonian method and because of which he was considered the greatest scientist.
- 18.(3) Prior to Newton, mathematics, chiefly in the form of geometry, had been studied as a fine art without any view to its physical applications but Newton's method changed the pattern. Refer to the 3rd paragraph of the passage, "But here again the real significance of Newton's achievement lay not so much in the exact quantitative formulation of the law of attraction, as in his having established the presence of law and order at least in one important realm of nature, namely, in the motions of heavenly bodies"
- 19.(1) Refer to the 4th paragraph of the passage, "Einstein's special principle, by adding increased emphasis to this relativity of velocity, making absolute velocity metaphysically meaningless,"
- 20.(4) Option (4) is the correct choice as it best explains the theme of the passage.
- 21.(4) **Metamorphosed** means change or cause to change completely in form or nature hence stagnant is the word most opposite in meaning.
- 22.(2) Resort means something that one uses to accomplish an end especially when the usual means is not available hence imprudent is the word most opposite in meaning.
- 23.(4) Adherent means someone who supports a particular party, person, or set of ideas hence adversary is the word most opposite in meaning.
- 24.(3) Conceived means form or devise (a plan or idea) in the mind hence contrive is the word most similar in meaning.

## Grand Test – IPP 180923 Emphasis means

growth or increase.

one's concern.

The principal is  $P = \frac{3600 \times 100}{100}$ 

= Rs. 4200

 $= \frac{18}{6} : \frac{10}{5} : \frac{2}{3}$ = 3x : 2x : 4x

 $\Rightarrow x = 2$ 

 $12 \times 2$ 

 $\Rightarrow \text{C. I.} = \text{P}\left[\left(1 + \frac{\text{R}}{100}\right)^2 - 1\right]$ 

 $\Rightarrow 20000 \left[ \left( 1 + \frac{10}{100} \right)^2 - 1 \right]$ 

 $\Rightarrow (3x + 2x + 4x) = 18$ 

Distance = 150 m

 $\therefore \text{ time} = \frac{150}{25 \times 5} \times 18 \text{ sec}$ 

 $\text{Time} = \frac{150}{5 \times 5} \times 18$ 

= 90 - (18 + 20) = 52

 $= 2.37 \, \text{km}$ 

Now, number of women = 4

= Rs. 15000

special

25.(1)

26.(1)

27.(5)

28.(2)

29.(5)

30.(4)

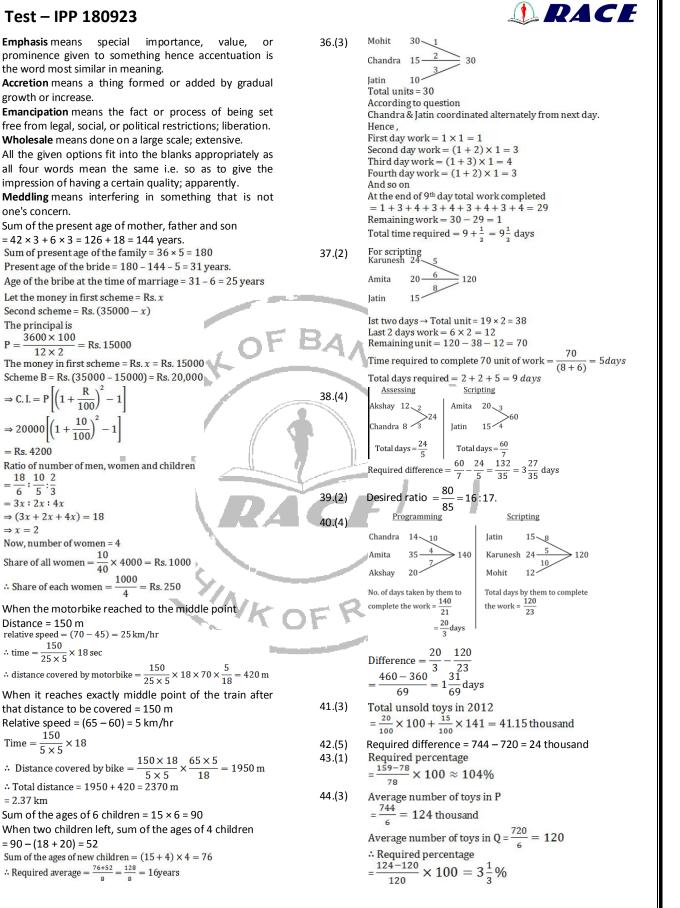
31.(3)

32.(1)

33.(4)

34.(2)

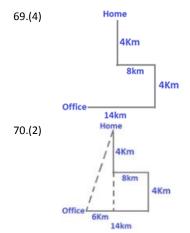
35.(2)



2



Expenditure of Ruhi on rent 45.(4) Cost incurred in manufacturing 53.(2)  $\frac{22}{100} \times \frac{9}{14} \times 28000 = \text{Rs}\,3960$ = 109000 × 50 = Rs. 54,50,000 = S.P of 90% products Expenditure of Meenu on food  $= \frac{25}{60} \times 7200 = \text{Rs } 3000$  $=\frac{90}{100} \times 109000 \times 80 = \text{Rs.} 78,48,000$  $\therefore \text{ Required profit \%} = \frac{23,98,000}{54,50,000} \times 100 = 44\%$ : Required percentage 46.(2) Let, average scores up to 18th innings = x runs  $\frac{3960}{3000} \times 100 = 132\%$ Total score = 18x runs 19<sup>th</sup> innings score = 98 runs Savings of Ruhi 54.(5)  $=\frac{5}{14} \times 28000 = \text{Rs}\ 10000$ New average = (x + 4) runs Therefore, Savings of Teena  $=\frac{8}{9} \times 18000 = \text{Rs}\,16000$ 18x + 98 = 19(x + 4)18x + 98 = 19x + 76A Required percentage  $\therefore x = 22 runs$  $\frac{3000}{16000} \times 100 = 37.5\%$ : Average score after 19th innings = x + 4 = 26 runs 47.(1) (10 days) A Required average 55.(2) 30 unit = Rs 450  $\frac{1}{3}(22000 + 22000 + 34000) = \text{Rs.}26000.$ 1 = Rs 15 (15 days) B\* +2  $5(A + B) \rightarrow 5 \times 5 = 25$  unit 56.(5)  $C \rightarrow 30 - 25 = 5$  unit v A  $\xrightarrow{\text{work}} 3 \times 5 = 15$  unit =  $15 \times 15 = \text{Rs.} 225$ No relation can be established.  $B \xrightarrow{\text{work}} 2 \times 5 = 10 \text{ unit} = 15 \times 10 = \text{Rs.}150$ 57.(2)  $C \xrightarrow{\text{work}} 5 \text{ unit} = 5 \times 15 = \text{Rs.75}$ Let Amit's speed = x km/hr 48.(4) & Suresh's speed = y km/hr ATQ, 58.(3) 30 30 = 2 y x 30 30  $\therefore y > x$ = -1 2x yx = 12,1459.(5)  $x = 5 \Rightarrow Amit's speed = 5 km/hr$ v = 11, 15Profit = Time × Capital invested 49.(3) : No relation can be established Profit  $\text{Time} = \frac{1}{\text{Capital invested}}$  $x = -\frac{1}{2}, \frac{7}{3}$ 60.(4)  $y = \frac{7}{3}, \frac{5}{2}$ 5.3.12 Required ratio of time =  $=1:\frac{1}{2}:\frac{3}{2}$  $\therefore y \ge x$  $107 \times 79 - (54)^2 = \sqrt{?} + 5476$ 61.(2 = 2:1:3  $8453 - 2916 - 5476 = \sqrt{?}$ 9 × 8 18 50.(2) Required probability  $\sqrt{?} = 61$ 20<sub>C2</sub>  $20 \times 19$ 95 ? = 372151.(4) Total expenditure of soha 62.(3)  $24\times8+21\times8+8\times8+7\times8-98$  $=\frac{100}{65} \times 7800 = \text{Rs}\ 12000$ = 8(60) - 98= 480 - 98∴ Total annual salary = 382 $\frac{11}{6} \times 12000 \times 12 = \text{Rs } 2,64,000$ 1021585 - 18611 - 5883 = 997091. 63.(1)  $\frac{3}{11} + \frac{39}{44} + \frac{5}{22} = \frac{12 + 39 + 10}{44} = \frac{61}{44} = 1\frac{17}{44}$ 52.(3) Total expenditure of Suchi 64.(2)  $=\frac{100}{42} \times 4200 = \text{Rs}\ 10,000$ 65.(3) 533.61 + 777.92 - 1147.69 = 163.84 : Savings of Suchi x(+) =====z(-)= — J (+) 66-68. = 22000 - 10000 = Rs 12,000Total expenditure of Meenu  $\frac{100}{60} \times 7200 = \text{Rs}\ 12000$ M (-) K(+) ----: Savings of Meenu  $= 26000 - 12000 = \text{Rs} \, 14000$ V (+) Y(-) So, required difference = Rs 2000 66.(5) 67.(2) 68.(2)



71-75. From the given conditions, four persons attend dancing class between L and B. Either L or B attends dancing class on either morning of the first day or evening of the last day. I attends dancing class on Wednesday morning. Q attends dancing class one day before B, but not in morning. Hence L attends dancing class on either Tuesday morning or Friday morning. And L attends dancing class before Q; B does not attend dancing class. on Friday morning.

Case-I

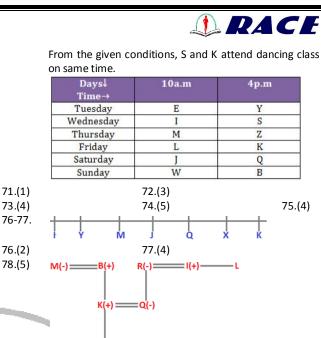
Days↓ Time→	10a.m	4p.m
Tuesday	L	
Wednesday	I	Q
Thursday		В
Friday		
Saturday		
Sunday		

Days↓ Time→	10a.m	4p.m
Tuesday		
Wednesday	I	
Thursday		
Friday	L	
Saturday		Q
Sunday		В

From the given conditions, W attends dancing class immediate before the person, who attends the dancing class on Sunday evening; hence W attends dancing class on Sunday morning. Two days gap between M and B and M attends dancing class on 10 a.m., hence Case-I is eliminated. Now, Case-II is continued.

From the given conditions, two classes are held between Y and M; hence Y is either Friday evening or Tuesday evening. Number of person attends dancing class between M and E is same as Q and Z. J does not attend class immediate before Y. K attends dancing class after M. E attends dancing class before Z. Case-II

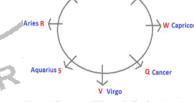
Days↓ Time→	10a.m	4p.m
Tuesday	E	Y
Wednesday	I	S
Thursday	M	Z
Friday	L	K
Saturday	J	Q
Sunday	W	В





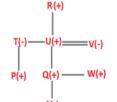
Wate

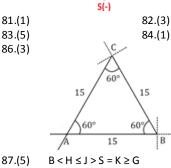
81-85



U Pisces

## Tree Form (Blood-Relation)-





85.(3)

88.(3) This coding decoding question is based on the new pattern. In this, question the words are coded as per following rules.

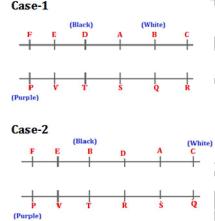
(i) First element of code is numerical value of no. of letter with addition of one.

(ii) Second element of the code is opposite letter of the first letter of the given word in alphabetical series.

(iii)Also third element of a code is opposite letter of the last letter of the given word in alphabetical series.

- 89.(4) **'125533 15 1557'**
- 90.(4)

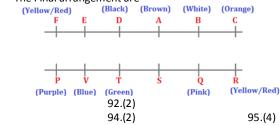
91-95. From the given conditions, Q is on the immediate right of S, who is facing A, who sits immediate right of the person, who likes White colour. D is on the immediate right of A. P, F and C are at extreme ends and nobody is seated on the right of F. Only V is seated between P, who likes Purple colour and T, who faces the person, who likes Black colour and he is not facing B. From those conditions we have 2 cases.



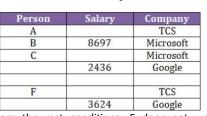
From the rest condition, Q is on the immediate left of R. Hence Case-2 is eliminated and Case-1 is continued. The person, who likes Orange colour, sits immediate left of B. The person, who likes Yellow colour, sits diagonally opposite the person, who likes Red colour. The person, who likes Pink colour, sits second to the right of the person, who likes Green colour. A does not like Blue colour. Hence A likes Brown colour and V likes Blue colour.

#### The Final arrangement are-

91.(4)



93.(4) 94.(2) 95.(4)
96-100. From the given conditions, Either F's or A's salary is Rs19898 and both of them work in TCS. Only those persons whose salary is the least and the second least work in Google, hence only those person whose salary is Rs2436 and Rs3624 works in Google. B's salary is more than C's salary and they work in the same company and no other person work in this company. B's salary is the third highest, hence B's salary is 8697 and C's salary is less than Rs8697 also B and C works in Microsoft.



🔔 RACE

Now from the rest conditions, E does not work in Google. Hence E works only in TCS. And the rest D and G works in Google, but D's salary is not Rs3624. Hence G's salary is 3624 and D's salary is 2436. Neither E's nor F's salary is the highest. Hence A's salary is Highest. Either F's or A's salary is Rs19898, hence Fs salary is 19898. C's and E's salary is either Rs6734 or 4537.

The final arrangement are-

96.(3

98.(3)

RACE

	Person	Salary	Company		
	A	28116	TCS		
	В	8697	Microsoft		
	С	6734/4537	Microsoft		
	D	2436	Google		
١.,	E	4537/6734	TCS		
	F	19898	TCS		
	G	3624	Google		

97.(3)

99.(1)

100.(5)