

IBPS Clerk Preliminary Grand Test –ICP-181237

HINTS & SOLUTIONS

ANSWER KEY

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

HINTS & SOLUTIONS

- 1.(1) The blank can be filled with the word 'Eccentric' making the sentence meaningful. **Eccentric** means a person of unconventional and slightly strange views or behaviour. Other words are irrelevant and do not fit in the context of the sentence here. Hence option (1) is the correct choice.
- 2.(3) The blank can be filled with the word '**chronic**' making the sentence meaningful. In sentence [I] chronic means (of an illness) persisting for a long time or constantly recurring while in sentence [II] it means of a very poor quality. Other words are irrelevant and do not fit in the context of the sentence here. Hence option (3) is the correct choice.
Impulsive means acting or done without forethought.
Aberrant means departing from an accepted standard.
- 3.(4) The blank can be filled with the word '**Aberrant**' making the sentence meaningful. Aberrant means departing from an accepted standard or diverging from the normal type. Other words are irrelevant and do not fit in the context of the sentence here. Hence option (4) is the correct choice.
Auspicious means conducive to success; favorable.

4.(2)

Thriving means prosperous and growing; flourishing
The blank can be filled with the word 'Oblivious' making the sentence meaningful. **Oblivious** means not aware of or concerned about what is happening around one. Other words are irrelevant and do not fit in the context of the sentence here.

Hence option (2) is the correct choice.

Astute means having or showing an ability to accurately assess situations or people and turn this to one's advantage.

Facile means (especially of success in sport) easily achieved; effortless

Adroit means clever or skillful.

5.(5)

The blank can be filled with the word 'proficient' making the sentence meaningful. **Proficient** means competent or skilled in doing or using something. Other words are irrelevant and do not fit in the context of the sentence here. Hence option (5) is the correct choice.

Naïve means (of a person or action) showing a lack of experience, wisdom, or judgement.

Candid means truthful and straightforward; frank.

Scrupulous means (of a person or process) careful, thorough, and extremely attentive to details.

6.(3)

In the first paragraph, the author has described about how the opposition parties think that the best solution is to reduce the fuel prices. But the most sustainable solution is keeping petrol prices high and investing the tax revenue generated into funding public transit and keeping its fares affordable. Furthermore this solution is possible by a change brought in about in the 2018 Union budget.

7.(1)

Option (1) is the most suitable option here. Refer to second paragraph where it is given that the 2018 Finance Act renamed the fund as the Central Road and Infrastructure Fund expanding its scope and boundaries to cover other kinds of infrastructure beyond roads. And the other category for which the fund is to be used is the urban public transport.

8.(5)

Option (5) is the most appropriate choice here. The answer can be deduced from the fourth paragraph in which the first line of the paragraph itself says that the government has two ways of resolving this unsustainable situation. Reducing fares, making public transit cheaper is obviously the more environment – friendly and sustainable solution for the city and its residents, beset as it is with pollution, traffic congestion and high vehicle ownership. This is stated in the passage. Hence the answer.

9.(2)

Option (2) is the correct choice here. For options (2) refer to fourth paragraph where it is stated that "At these fares, the overall losses to DMRC (after accounting for operational expenses, depreciation, interest and loan repayments) will be in the range of under 600 crore annually. Which is less than the cess revenue generated in Delhi through petrol sales alone.

- Delhi can thus afford to reduce its Metro fares using just the revenue from petrol sales.”
- 10.(3) Among all of the given options, option (3) is the correct choice which is definitely false according to the given passage. For the conformity of the answer, refer to paragraph 3 where the statement is given as with rising fuel prices, the cost of private transport (after the fare hikes, operating a two – wheeler on many routes became cheaper than using the Metro) has also increased. Rest all of the options are completely true in context as well as relevance of the passage.
- 11.(3) Ambit means the scope, extent, or bounds of something. Periphery means the outer limits or edge of an area or object. Affinity means resemblance. Constancy means consistency. Dissipated means dispersed.
- 12.(2) Steep means (of a price or demand) not reasonable; excessive in accordance to the context of the paragraph. Excessive means the same as steep. Frugal means economical, sparing. Prudent means acting with or showing care and thought for the future.
- 13.(1) Beset means (of a problem or difficulty) trouble (Someone or something) persistently. Torment means a cause of severe suffering. Defend means resist and attack made on (someone or something); protect from harm or danger. Shelter means shield. Justify means show or prove to be right or reasonable.
- 14.(5) Depreciation means a reduction in the value of an asset over time, due in particular to wear and tear. Surge means increase suddenly and powerfully. Thus it is the antonym of the given word. Devaluation means the reduction or underestimation of the worth or importance of something. Slump means undergo a sudden severe or prolonged fall in price, value, or amount. Plunge means fall suddenly and uncontrollably. Tumble means fall suddenly, clumsily or headlong.
- 15.(4) Accruing means accumulating or receiving (payments or benefits) over time. Dispersing means distribute or spread over a wide area. Augmenting means making (something) greater by adding to it; increase. Amassing means gathering. Reckoning means the action or process of calculating or estimating something.
- 16.(4) If someone blows something up or if it blows up, it is destroyed by an explosion. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “explode” which means burst or shatter violently and noisily as a result of rapid combustion, excessive internal pressure, or other process. All the other words fail to comprehend the meaning of the given phrase. Hence, option (4) is the most suitable answer choice.
- 17.(3) The phrasal verb ‘hold up’ has following meanings: (i) to remain strong and working effectively. (ii) to support someone or something and stop them from falling. (iii) to delay or block the movement or progress of someone or something. (iv) to use or present someone or something as an example. (v) to steal from a bank, store, etc using a gun. However, in context of the sentence, the most suitable word that deciphers the appropriate meaning is “delayed”. All the other words stand incorrect as they do fit in the theme of the paragraph. Hence, option (3) is the most suitable answer choice.
- 18.(1) The phrasal verb ‘made –up’ has following meaning: (i) wearing make-up. (ii) invented; not true. (iii) fully manufactured. However, in context of the sentence the most suitable meaning is “invented; not true” which can be illustrated using the word ‘false’. All the other words stand incorrect as they do fit in the theme of the paragraph. Hence, option(1) is the most suitable answer choice.
- 19.(2) The phrasal verb “puts off” means to delay doing something, especially because you do not want to do it. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “postpone” which means cause or arrange for (something) to take place at a time later than that first scheduled. All the other words fail to comprehend the meaning of the given phrase. Hence, option (2) is the most suitable answer choice. Reconcile means restore friendly relations between. Terminates means bring to an end. Reciprocates means respond to (a gesture or action) by making a corresponding one.
- 20.(5) The phrasal verb “talk over” means to discuss a problem or situation with someone, often to find out their opinion or to get advice before making a decision about it. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “discuss” which means talk about (something) with a person or people. All the other words fail to comprehend the meaning of the given phrase. Hence, option (5) is the most suitable answer choice.
- 21.(4) The phrasal verb “went through” means to use, spend, or eat all of something, especially quickly. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “consume” which means use up (a resource). All the other words fail to comprehend the meaning of the given phrase. Hence, option(4) is the most suitable answer choice.
- 22.(2) The phrasal verb “look down on” means regard (someone) with a feeling of superiority. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “despise” which means feel contempt or a deep repugnance for. All the other words fail to comprehend the meaning of the given phrase. Hence, option(2) is the most suitable answer choice. Assist means help (someone), typically by doing a share of the work. Commend means praise formally or officially.
- 23.(5) The phrasal verb “walked out” means depart or leave suddenly or angrily. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “abandon” which means leave (a place or vehicle) empty or uninhabited, without intending to return. All the other words fail to comprehend the meaning of the given phrase. Hence, option(5) is the most suitable answer choice. Condemn means express complete disapproval of; censure. Salute means show or express admiration and respect for.
- 24.(2) The phrasal verb “get by” means manage with difficulty to live or accomplish something. Therefore, the most suitable word that deciphers the meaning of the

highlighted phrasal verb is “survive” which means continue to live or exist, especially in spite of danger or hardship. All the other words fail to comprehend the meaning of the given phrase. Hence, option(2) is the most suitable answer choice.

Obey means submit to authority of (someone) or comply with (a law). Disregard means pay no attention to; ignore.

Bypass means go past or round.

25.(5) The phrasal verb “get up” means rise or cause to rise from bed after sleeping. Therefore, the most suitable word that deciphers the meaning of the highlighted phrasal verb is “arise” which means get or stand up. All the other words fail to comprehend the meaning of the given phrase. Hence, option (5) is the most suitable answer choice.

Secure means fixed or fastened so as not to give way, become loose, or be lost.

Punctual means happening or doing something at the agreed or proper time.

26.(2) The paragraph is describing about a policy introduced by CEAT in its working culture of permitting its employees to work from remote areas. The most suitable word that will coherently fit in the given blank is “permits” or a word similar in meaning. However, “complies” means act in accordance with a wish or command. Therefore, it fails to fit coherently in the given paragraph. Hence, option(2) is the most suitable answer choice.

27.(1) Since the paragraph is describing about a policy introduced by CEAT in its working culture of permitting its employees to work from remote areas. The most suitable word for the given blank becomes “deem” or a word with similar meaning. However, scrutinize which means examine or inspect closely and thoroughly fail to provide coherence to the given paragraph. Hence, option (1) becomes the most suitable answer choice.

Deem means regard or consider in a specified way. Presume means suppose that something is the case on the basis of probability.

28.(4) The sentence is describing the policy of abolishing the policy of mandatory attendance recording. The most suitable word to comply with the theme of the paragraph is “scrapped” or a word similar in the meaning. However, “hoarded” which means accumulate (money or valued objects) and hide or store away. Therefore, it does not comply with the theme of the paragraph. Hence, option (4) is the most suitable answer choice.

Dismissed means deliberately cease to think about.

Eliminated means completely remove or get rid of (something).

Scraped means abolish or cancel.

29.(5) The paragraph is describing about a policy introduced by CEAT it its working culture of permitting its employees to work from remote areas. The most suitable word that will coherently fit in the given blank is “flexible” or a word similar in meaning. However, “brittle” means hard but liable to break easily. Therefore, it fails to fit coherently in the given paragraph. Hence option(5) is the most suitable answer choice.

Fluid means not settled or stable; likely or able to change.

30.(3) The theme of the paragraph is describing about a policy introduced by CEAT in its working culture of permitting its employees to work from remote areas. The most suitable word that will coherently fit in the given blank is “tweaking” or a word similar in meaning. However, “resizing” means alter the size of (something, especially a computer window or image). Therefore, it fails to fit coherently in the given paragraph. Hence, option (3) is the most suitable answer choice.

Tweaking means improve (a mechanism or system) by making fine adjustments to it. Altering means change in character or composition, typically in comparatively small but significant way.

31.(4)
$$\frac{256}{\times \frac{3}{2}} \quad \frac{384}{\times \frac{3}{2}} \quad \frac{576}{\times \frac{3}{2}} \quad \frac{864}{\times \frac{3}{2}} \quad \frac{1296}{\times \frac{3}{2}} \quad \frac{1944}{\times \frac{3}{2}} \quad \frac{2916}{\times \frac{3}{2}}$$

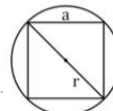
32.(1)
$$\frac{171}{729} \quad \frac{900}{243} \quad \frac{1143}{81} \quad \frac{1224}{27} \quad \frac{1251}{9} \quad \frac{1260}{3} \quad \frac{1263}{3}$$

33.(5)
$$20 \quad \frac{30}{\times 1.5} \quad 60 \quad \frac{150}{\times 2.5} \quad 450 \quad \frac{1575}{\times 3.5} \quad \frac{6300}{\times 4}$$

34.(2)
$$\frac{824}{256} \quad \frac{568}{128} \quad \frac{440}{64} \quad \frac{376}{32} \quad \frac{344}{16} \quad \frac{328}{8} \quad 320$$

35.(3)
$$\frac{93}{84} \quad \frac{177}{91} \quad \frac{268}{105} \quad \frac{373}{126} \quad \frac{499}{154} \quad \frac{653}{189} \quad 842$$

36.(2)



Area of circle = $288 \pi \text{ m}^2$

$$\Rightarrow \pi r^2 = 288 \pi$$

$$\Rightarrow r = 12 \sqrt{2} \text{ m.}$$

Diagonal of square = $a\sqrt{2}$ = diameter of circle = $2 \times 12\sqrt{2} = 24\sqrt{2}$

$$\Rightarrow a = 24 \text{ m (where a = side of square)}$$

$$\text{Area of square} = (a)^2 = (24)^2 = 576 \text{ m}^2$$

37. (5)
$$\frac{40}{100} \times (X + 2000) = 1300 \Rightarrow X = 1250$$

$$\frac{60}{1200} \times (1250 + Y) = 1830 \Rightarrow Y = 1800$$

$$X : Y = 1250 : 1800 = 25 : 36$$

38. (1)

Let present age of P and Q be 'x' and 'y' years respectively.

ATQ,

$$x + y = 52 \dots(i)$$

and,

$$\frac{x+4}{y-2} = \frac{4}{5} \Rightarrow 5x + 20 = 4y - 8$$

$$\Rightarrow 5x - 4y = -28 \dots(ii)$$

From (i) and (ii)

$$x = 20 \text{ years.}$$

P's age 5 years hence = 25 years.

39.(3)

Let the quantity of water and alcohol in the initial mixture be 8x lit and 5x lit respectively.

ATQ,

$$\frac{5x}{8x+4} = \frac{5}{9}$$

$$\Rightarrow 45x = 40x + 20$$

$$\Rightarrow x = 4$$

$$\text{Quantity of initial mixture} = 13x = 13 \times 4 = 52 \text{ lit}$$

40.(2)

Let the speed of current be x km/hr.

And speed of boat in still water = (x + 5) km/hr

ATQ,

$$\frac{2x+5}{x+5} = \frac{4}{3}$$

$$\Rightarrow 6x + 15 = 4x + 20$$

$$\Rightarrow 2x = 5$$

$$\Rightarrow x = 2.5 \text{ km/hr}$$

Speed of boat in downstream = (2x + 5) km/hr = 10 km/hr

Required distance = $10 \times 3 = 30 \text{ km/hr}$

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41.(4) Let total watches manufactured in year 2017 = 700x
So,
(28% - 20%) of 700x = 11200
 $7 \times 8x = 11200$
 $x = 200$
Number of type A watches manufactured in year 2018
 $= \frac{120}{100} \times 700 \times 200 \times \frac{12}{100}$
 $= 20160$

42.(1) Let, total no. of watches in 2017 be x.
Then, $\frac{1}{2} \left[\frac{(12+28)}{100} \times x \right] = 16100$
 $\Rightarrow \frac{1}{2} \times \frac{2}{5} x = 16100$
or, $x = 16100 \times 5$
Total no. of watches in 2018 = $\frac{16100 \times 5}{7} \times 8 = 92000$

43.(3) Total no. of watches in 2018 = $2568 \times \frac{100}{25}$
 $= 25600 \times 4$
 $= 102400$
Total no. of watches in 2017 = 89600
No. of watches of type B and D in 2017 = $\frac{(12+20)}{100} \times 89600$
 $= 28,672$

44.(2) Let the total number of watches manufactured in 2017 and 2018 is 7x and 8x respectively
Required ratio = $\frac{\frac{25}{100} \times 7x}{\frac{30}{100} \times 8x}$
 $= \frac{5 \times 7}{6 \times 8}$
 $= \frac{35}{48}$

45.(3) Let total no. of watches manufactured in 2017 = 700
Then, total no. of watches manufactured in 2018 = 800
No. of all type of watches except type B in 2017
 $= \frac{80}{100} \times 700$
 $= 560$
No. of type B watches in 2018 = $800 - 560 = 240$
Required percentage change = $\frac{(240-140)}{140} \times 100$
 $= \frac{5}{7} \times 100$
 $= 71\%$

46.(4) $? = \frac{46+119}{15} = 11$

47.(1) $? = 60 \times \frac{1880}{100} - 678 = 450$

48.(5) $? \times \frac{1800}{100} = 324 + 486 = 810$
 $\Rightarrow ? = 810 \times \frac{100}{1800} = 45$

49.(1) $? = 206 - 14 = 192$

50.(3) $64 \times \frac{1750}{100} - 1024 = ?$
 $? = 1120 - 1024 = 96$

51.(1) I. $x^2 - 8x + 15 = 0$
 $x^2 - 3x - 5x + 15 = 0$
 $(x - 3)(x - 5) = 0$
 $x = 3, 5$
II. $2y^2 - 7y + 5 = 0$
 $2y^2 - 2y - 5y + 5 = 0$
 $(y - 1)(2y - 5) = 0$
 $y = 1, \frac{5}{2}$
 $x > y$

52.(4) I. $2x^2 + x - 28 = 0$
 $2x^2 + 8x - 7x - 28 = 0$
 $2x(x + 4) - 7(x + 4) = 0$
 $(2x - 7)(x + 4) = 0$
 $x = -4, \frac{7}{2}$

II. $2y^2 - 23y + 56 = 0$
 $2y^2 - 16y - 7y + 56 = 0$
 $2y(y - 8) - 7(y - 8) = 0$
 $(2y - 7)(y - 8) = 0$
 $y = \frac{7}{2}, 8$
 $y \geq x$

53.(5) I. $2x^2 - 7x - 60 = 0$
 $2x^2 - 15x + 8x - 60 = 0$
 $x(2x - 15) + 4(2x - 15) = 0$
 $(x + 4)(2x - 15) = 0$
 $x = -4, \frac{15}{2}$
II. $3y^2 + 13y + 4 = 0$
 $3y^2 + 12y + y + 4 = 0$
 $3y(y + 4) + 1(y + 4) = 0$
 $(3y + 1)(y + 4) = 0$
 $y = -\frac{1}{3}, -4$

No relation between x and y

54.(5) I. $x^2 - 17x - 84 = 0$
 $x^2 + 4x - 21x - 84 = 0$
 $(x + 4)(x - 21) = 0$
 $x = -4, 21$
II. $y^2 + 4y - 117 = 0$
 $y^2 - 9y + 13y - 117 = 0$
 $(y - 9)(y + 13) = 0$
 $y = 9, -13$

No relation between x and y

55.(1) Let the selling price of both articles be Rs. 100x each
Cost price of one article = $\frac{100x}{120} \times 100 = Rs \frac{250x}{3}$
Cost price of another article = $\frac{100x}{8} \times 7 = \frac{700x}{8}$
Required ratio = $\frac{\frac{250x}{3}}{\frac{700x}{8}} = 20:21$

56.(5) Male on that day = $4000 - \left(2000 + 4000 \times \frac{18}{100} \right)$
 $= 1280$
Required% = $\frac{1280}{2000} \times 100 = 64\%$

57.(1) Required difference
 $= 4000 - \{(3000 - 1200) + (2500 - 1000)\}$
 $= 4000 - 3300 = 700$

58.(2) Let number of child who visited bank on Friday and Sunday be 26x and 37x respectively.
And, number of males on Friday and Sunday be 7y and 9y respectively.

ATQ,
 $26x + 7y = 1500$...(i)
 $37x + 9y = 2000$...(ii)
From (i) and (ii)
 $x = 20$ and $y = 140$.
Number of child on both days = $26 \times 20 + 37 \times 20 = 1260$.
Required % = $\frac{3600 - 1260}{3600} \times 100 = 65\%$

59.(4) Required ratio = $\frac{2000+1000}{3000} = 1:1$

60.(1) Required average = $\frac{2000+2000}{2} = 2000$.

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Floor	Girls
8	B
7	I
6	C
5	J
4	D
3	K
2	H
1	A

61.(1) $7072 + \left(\frac{884 \times 16}{100}\right)$
 $= 30 \times \frac{13}{12} \times \frac{?}{39}$
 $\Rightarrow 50 \times 6 = 5 \times ?$
 $\Rightarrow ? = \frac{50 \times 6}{5} = 60$

62. (3) $(13 + 2\sqrt{5})^2 = ? \times \sqrt{5} + 189$
 $\Rightarrow 169 + 20 + 2 \times 13 \times 2\sqrt{5} = ? \times \sqrt{5} + 189$
 $\Rightarrow 189 + 52 \times \sqrt{5} = ? \times \sqrt{5} + 189$

63.(1) $\frac{?}{\sqrt{128}} = \frac{\sqrt{162}}{?}$
 $(?)^2 = \sqrt{64 \times 2} \times \sqrt{81 \times 2} = 8 \times 9 \times 2 = 144$
 $? = \sqrt{144} = 12$

64. (2) $8\sqrt{7} + 14 \times 3 + 9 = 21$
 $\frac{8\sqrt{7}}{14} \times 3 + 9 = 21$
 $\frac{24\sqrt{7}}{14} + 9 = 21$
 $\sqrt{7} = 7$
 $\Rightarrow ? = 49$

65.(4) $? = 13.141 + 31.417 - 27.118 = 44.558 - 27.118$
 $= 17.440$

66.(1) I. N < K (True)
 II. P < D (false)

67.(2) I. U > J (False)
 II. K ≥ L (True)

68.(1) I. E > F (True)
 II. J ≥ S (False)

69.(2) I. C < K (False)
 II. D ≤ S (True)

70.(5) I. N > T (True)
 II. M > I (True)

71-75. H lives on even numbered floor. H lives immediately below K. More than three girls live between K and B. Only one girl lives between B and C. C does not live on fourth floor. From these condition there are two possible cases-

	Case-1	Case-2
Floor	Girls	Girls
8		B
7	K	
6	H	C
5		
4		
3	C	K
2		H
1	B	

Three girls live between A and J. J lives above A. C does not live immediate below A and H. By this Condition case – 1 is cancelled. D does not live on odd numbered floor. So final arrangement will be

- 71. (1)
- 72. (5)
- 73. (3)
- 74. (2)
- 75. (2)
- 76.(4)

- 77.(2)
- 78.(1)
- 79.(3)
- 80.(2)

81-85.

By using condition (ii) the code of WA6ZM8 will be '+&£\$@+'.

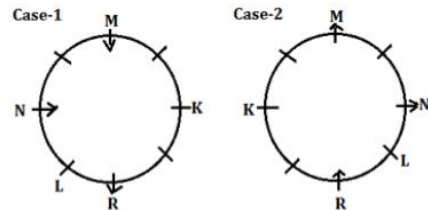
By using condition (iii) The code of AZ1X176 will be 'Â\$^µ&'.

By using condition (i) the code of 5L7IA1 will be Δ ! Âµ& Δ

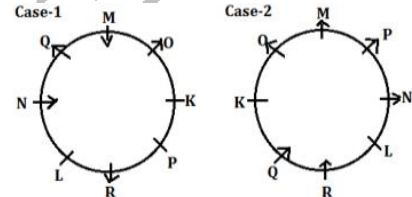
The code of E6ZA6 will be '>£\$&£'.

By using condition (iii) the code of IZ8W5 will be ' Δ \$ < ∞ µ'.

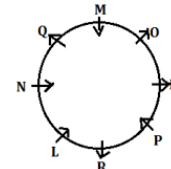
K sits second to the left of M. Only two persons sit between K and L who is not an immediate neighbor of M. N sits second to the right of R but none of them is an immediate neighbor of K. Both M and N faces same direction but opposite to R. So, from this there will be two possible cases---



Q sits second to the left of O and O faces outside the center. Q sits opposite to P and faces opposite direction from each other. Q faces same direction as R.



K faces opposite direction of L. L sits third to the right of K. L does not face outside the center. From this case – 2 gets eliminated. Both the immediate neighbors of K faces opposite direction to each other. So, the final arrangement is ---



- 81.(3)
- 82. (3)
- 83.(2)
- 84.(4)
- 85. (2)

86-90.

From the given conditions, B and F like same subject but not chemistry. C likes Physics and married with T. E likes

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the same subject with only G, who married with S. G does not like Math. So, we get.

Case-1

MATH		PHYSICS		CHEMISTRY	
B(+)		C(+)	T(-)	E(+)	
F(+)				G(+)	S(-)

Case-2

MATH		PHYSICS		CHEMISTRY	
		B(+)		E(+)	
		F(+)		G(+)	S(-)
		C(+)	T(-)		

H does not like Math from that condition Case – 2 will be eliminated. Case – 1 is continued. A does not like physics. W and U are the wife of A and B respectively. D does not like the same subject which like by F, who married with P.

Case-1

MATH		PHYSICS		CHEMISTRY	
B(+)	U(-)	C(+)	T(-)	E(+)	
F(+)	P(-)	H(+)		G(+)	S(-)
A(+)	W(-)	D(+)			

Now from the rest conditions, H is neither married with T not Q. E is neither the husband of Q, not V. The final arrangement will be-

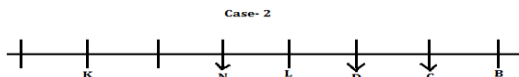
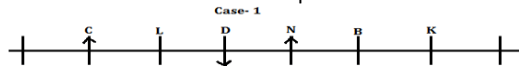
Case-1

MATH		PHYSICS		CHEMISTRY	
B(+)	U(-)	C(+)	T(-)	E(+)	R(-)
F(+)	P(-)	H(+)	V(-)	G(+)	S(-)
A(+)	W(-)	D(+)	Q(-)		

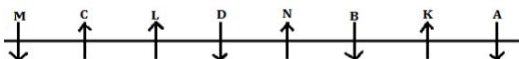
- 86.(3)
- 87.(2)
- 88.(4)
- 89.(2)
- 90. (1)

91-95.

C sits third to the left of N. K sits fifth to the right of C. Neither C nor K sits at any of the extreme ends. B sits second to the left of D. D faces south. K and D are not immediate neighbours. L sits immediate right of D. From these conditions there are two possible cases-



More than three persons sit between A and M . By this case – 2 is cancelled. A and C are not immediate neighbours. Immediate neighbours of D as well as K are facing same direction. Not more than two persons facing same direction sit near to each other. Persons sitting at extreme ends facing same direction. M faces opposite direction to N. So new arrangement will be-



- 91.(2)
- 92.(3)

- 93.(4)
- 94. (1)
- 95.(2)
- 96.(5)

From I, $Y > R$ and $O > S > J$
From II, $P > A > O$

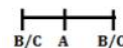
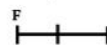
From I and II, we get that R got the lowest marks.

From I and II,

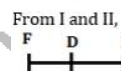
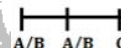
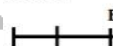
Floors	Persons
5	S/V
4	T
3	S/V
2	U
1	R

- 97.(4)

From I,



From II,



- 98.(5)

- 99. (5) Code for RACE – 7325

- 100. (3) Given word – BRIGHT
After rearrangement – BGHIRT