

IBPS PO Prelims All India Mock Tests (Solutions)

S1. Ans.(c)

Sol. Among the given set of words, the most suitable pair to fill in the given blank in similar sequence will be '**recourse, evidence**'. Hence, option (c) is the most suitable answer choice.

Recourse- a source of help in a difficult situation

Accumulation- the acquisition or gradual gathering of something

Exhibit- publicly display (a work of art or item of interest) in an art gallery or museum or at a trade fair

S2. Ans.(e)

Sol. Among the given set of words, the most suitable pair to fill in the given blank in similar sequence will be '**successfully, tracking**'. Hence, option (e) is the most suitable answer choice.

S3. Ans.(b)

Sol. Among the given set of words, the most suitable pair to fill in the given blank in similar sequence will be '**rest, interdependent**'. Hence, option (b) is the most suitable answer choice.

S4. Ans.(b)

Sol. Among the given set of words, the most suitable pair to fill in the given blank in similar sequence will be '**challenging, results**'. Hence, option (b) is the most suitable answer choice.

Facilitating- make (an action or process) easy or easier

Channelize- direct towards a particular end or object

S5. Ans.(d)

Sol. Among the given set of words, the most suitable pair to fill in the given blank in similar sequence will be '**understanding, truest**'. Hence, option (d) is the most suitable answer choice.

Appropriation- the action of appropriating something

S6. Ans.(c)

Sol. Among the given words, the most suitable word to fill in the given blank will be "eased" which means "make (something unpleasant or intense) less serious or severe". Hence, option (c) is the most suitable answer choice.

Sieve: a utensil consisting of a wire or plastic mesh held in a frame, used for straining solids from liquids, for separating coarser from finer particles, or for reducing soft solids to a pulp.

Seeped: (of a liquid) flow or leak slowly through porous material or small holes.

S7. Ans.(d)

Sol. Among the given words, the most suitable word to replace the highlighted word will be "compliance" which means "the action or fact of complying with a wish or command". Hence, option (d) is the most suitable answer choice.

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S8. Ans.(d)

Sol. Among the given words, the most suitable word to replace the highlighted word will be “monitor” which means “observe and check the progress or quality of (something) over a period of time; keep under systematic review”. Hence, option (d) is the most suitable answer choice.

S9. Ans.(c)

Sol. Among the given words, the most suitable word to fill in the given blank will be “rapidly” which means “very quickly; at a great rate.”. Hence, option (c) is the most suitable answer choice.

Miniscule: extremely small; tiny.

S10. Ans.(c)

Sol. Among the given words, the most suitable word to replace the highlighted is ‘trim’. Hence, option (c) is the most suitable answer choice.

Trim: reduce the size, amount, number, or cost of.

Strike: hit forcibly and deliberately with one's hand or a weapon or other implement.

S11. Ans.(e)

Sol. Among the given words, the highlighted word already is giving the sentence a grammatically and contextually correct meaning. Hence, option (e) is the most suitable answer choice.

Venturing: undertake a risky or daring journey or course of action.

Swirling: move in a twisting or spiralling pattern.

S12. Ans.(d)

Sol. There is a grammatical error in the highlighted part of the sentence. ‘ have been sealed of’ will be replaced with ‘has been sealed off’ as the facility is singular as well as the preposition ‘of’ will be change with ‘off’. Hence, answer would be option (d).

S13. Ans.(c)

Sol. There is a grammatical error in the highlighted part of the sentence. In the highlighted phrase ‘quick’ will be replaced with ‘quickly’ to make the sentence error free. Hence, answer would be option (c).

S14. Ans.(e)

Sol. There is a no grammatical error in the highlighted part of the sentence. Hence, answer would be option (e).

S15. Ans.(b)

Sol. There is a grammatical error in the highlighted part of the sentence. The word “there” will be replaced with “their”. Hence, answer would be option (b).

S16. Ans.(d)

Sol. There is a grammatical error in the highlighted part of the sentence. “this began in” will be replaced with ‘that began in’. Hence, answer would be option (d).

S17. Ans.(d)

Sol. There is a grammatical error in the highlighted part of the sentence. 'left' will be replaced with 'leave'. Hence, answer would be option (d).

S18. Ans.(a)

Sol. Flak means 'strong criticism'. Hence (ii) will become contextually incorrect. The word which can replace flak (ii) will be flaky meaning 'breaking or separating easily into flakes.'

S19. Ans.(c)

Sol. Remorse: deep regret or guilt for a wrong committed. Hence (iv) will become contextually incorrect.

S20. Ans.(e)

Sol. Facilitate means 'make (an action or process) easy or easier'. Hence (e) will become the correct answer as all the sentences here use the highlighted word in a contextually and grammatically correct manner.

S21. Ans.(c)

Camouflage means 'hide or disguise the presence of (a person, animal, or object) by means of camouflage'. Hence the correct answer here would be option (c).

S22. Ans.(c)

Mockery means to make 'teasing and contemptuous language or behaviour directed at a particular person or thing'. The use of the word mockery in sentence (ii) and (iii) is contextually meaningless. Hence the correct answer will be option (c).

S23. Ans.(b)

Sol. Reading the first and second paragraph of the passage it can be deduced that the correct answer is option (b).

The relevant sentences of the mentioned sentences have been quoted below:

"These plumes mean that scientists wouldn't need to build a spacecraft that can land on and penetrate an icy shell to study the hidden ocean."

S24. Ans.(c)

Sol. Reading few lines of first paragraph of the passage it can be deduced that the correct answer is option (c). The sentences of the passage which substantiate this are given below:

"These plumes are the primary reason why scientists want a dedicated spacecraft to visit the world. Enceladus is the only confirmed current habitable environment beyond Earth, it's the only world meeting the canonical requirements for habitability."

S25. Ans.(a)

Sol. Reading the fourth paragraph of the passage it can be deduced that the correct answer is option (a). The relevant sentences of the mentioned sentences have been quoted below:

"This ocean at Enceladus could be a host to a whole separate genesis of life," Hendrix said. "It could be uninhabited or it could be in a prebiotic state, but regardless, any Enceladus mission exploring this ocean is going to provide ground-breaking discoveries."

S26. Ans.(e)

Sol. Reading the passage carefully we can see that none of the options contains a statement which can be verified to be true, hence the correct answer will be option (e).

S27. Ans.(b)

Sol. The given blank can be filled using option (b). The given passage talks about a mission that should be conducted to explore another moon of Saturn that is Enceladus, which has been a promising proposition for many scientists given the various observations which have been made on it indirectly using data from different missions. Hence the correct phrase to be used will be “spacecraft to check out the ocean”.

S28. Ans.(d)

Sol. Among the given words, ‘distinctive’ is the synonym of ‘unique’. Hence, option (d) is the most suitable answer choice.

Unique: being the only one of its kind; unlike anything else.

Distinctive: characteristic of one person or thing, and so serving to distinguish it from others.

Trampled: tread on and crush.

S29. Ans.(c)

Sol. Reading the first paragraph of the passage it can be deduced that the correct answer is option (c). The sentences of the passage which substantiate this are given below:

“During Cassini's tenure, the spacecraft determined that the moon has an ocean hidden below its icy crust. The probe also found that Enceladus spit plumes containing material from this ocean out into space.”

S30. Ans.(b)

Sol. Among the given words, ‘advantage’ is the antonym of ‘limitation’. Hence, option (b) is the most suitable answer choice.

S31. Ans.(c)

Sol.

Total male populations in city B & D together

$$\begin{aligned} \text{in 2001} &= \frac{3}{5} \times 2500000 + \frac{4}{7} \times 3500000 \\ &= 1500000 + 2000000 \\ &= 3500000 \end{aligned}$$

Total female populations in city C & E together

$$\begin{aligned} \text{in 2011} &= \frac{3}{5} \times 2500000 + \frac{9}{19} \times 3800000 \\ &= 1500000 + 1800000 \\ &= 3300000 \end{aligned}$$

$$\begin{aligned} \text{Required \%} &= \frac{3500000 - 3300000}{3300000} \times 100 \\ &= \frac{200}{33} \% \\ &= 6 \frac{2}{33} \% \end{aligned}$$

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S32. Ans.(d)**Sol.**

The average number of male populations in city A & C in 2001 = $\frac{1}{2} \left(\frac{5}{8} \times 40 + \frac{1}{2} \times 30 \right) \times 100000$
 = 2000000

The average number of female populations in city B & D in 2011 = $\frac{1}{2} \left(\frac{3}{7} \times 28 + \frac{1}{2} \times 42 \right) \times 100000$
 = 1650000

Required difference = 2000000 - 1650000
 = 350000

S33. Ans.(b)**Sol.**

Literate male population in city A in 2011

$$= \frac{60}{100} \times \frac{5}{9} \times 4500000$$

$$= 1500000$$

Literate female population in city A in 2011

$$= \frac{40}{100} \times \frac{4}{9} \times 4500000$$

$$= 800000$$

Total illiterate population in city A in 2011

$$= 4500000 - (1500000 + 800000)$$

$$= 2200000$$

$$= 22 \text{ lakhs.}$$



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S34. Ans.(c)**Sol.**

Female population in City C in 2011

$$= \left(25 \times \frac{3}{5} \right) = 15 \text{ lakh}$$

Female population in City D in 2001

$$= \left(35 \times \frac{3}{7} \right) = 15 \text{ lakh}$$

Required ratio = 1 : 1

S35. Ans.(a)**Sol.**

Female population of city B in 2012

$$= \left(28 \times \frac{3}{7} \right) \times \frac{7}{6} = 14 \text{ lakh}$$

Female population of City D in 2011

$$= \left(42 \times \frac{1}{2} \right) = 21l$$

$$\text{Required percentage} = \frac{14}{21} \times 100 = 66 \frac{2}{3} \%$$

S36. Ans.(b)**Sol.**Let total quantity of initial mixture = $17x$ liters.Milk in initial mixture = $17x \times \frac{9}{17} = 9x$ liters.Water in initial mixture = $17x \times \frac{8}{17} = 8x$ liters.

ATQ,

$$\frac{9x - \frac{9}{17} \times 85 + 85}{8x - \frac{8}{17} \times 85} = \frac{13}{4}$$

$$36x + 160 = 104x - 520$$

$$68x = 680$$

$$x = 10 \text{ liters}$$

So, initial quantity of mixture = $17x = 170$ liters.**S37. Ans.(a)****Sol.**

ATQ,

$$\frac{480}{9x-x} - \frac{480}{9x+x} = 6$$

$$\frac{480}{8x} - \frac{480}{10x} = 6$$

$$\frac{60}{x} - \frac{48}{x} = 6$$

$$x=2$$

$$\text{so, required time} = \frac{480}{8 \times 2} = 30 \text{ hours.}$$

**S38. Ans.(e)****Sol.**The ratio of efficiency of A, B and C = $\frac{4}{3} : 1 : 2$ let efficiency of A, B and C are $4x$ unit/day, $3x$ unit/day, and $6x$ unit/day respectively.

$$\text{Total Work} = 12(4x+3x)$$

$$=84x \text{ units}$$

ATQ,

Let the time taken by B & C together to complete the remaining work = t days.

Remaining work = Work done by A & B together in 8 days.

$$8(4x + 3x) = t(3x + 6x)$$

$$t = \frac{56}{9} \text{ days.}$$

S39. Ans.(b)

Sol.

$$\text{Interest earned by Jai} = \frac{50000 \times 10 \times 2}{100} = \text{Rs. } 10000$$

$$\text{Interest earned by Veer} = 72000 \left(1 + \frac{1}{6}\right)^2 - 72000$$

$$= 72000 \times \frac{49}{36} - 72000$$

$$= 98000 - 72000$$

$$= \text{Rs. } 26000$$

$$\text{Required percentage} = \frac{26000 - 10000}{10000} \times 100$$

$$= 160\%$$

S40. Ans.(d)

Sol.

let the length of the rectangle = $18x$ meters.

(we know, $5\frac{5}{9}\% = \frac{1}{18}$)

So, breadth of the rectangle = $17x$ meters.

ATQ,

Area of the rectangle = 306

$$18x \times 17x = 306$$

$$x = 1$$

so, length and breadth of rectangle are 18 meters and 17 meters respectively.

$$\text{Then, radius of circle} = \frac{40}{100} \times 2(18 + 17)$$

$$= 28 \text{ meters}$$

Circumference of the circle = $2\pi r$

$$= 2 \times \frac{22}{7} \times 28$$

$$= 176 \text{ meters.}$$

S41. Ans.(b)

Sol.

Missing number = 210

Pattern of series -

$$1 + 1^3 = 2$$

$$2 + 2^2 = 6$$

$$6 + 3^3 = 33$$

$$33 + 4^2 = 49$$

$$49 + 5^3 = 174$$

$$174 + 6^2 = 210$$



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S42. Ans.(d)**Sol.**

Missing number = 31

Pattern of series –

Alternative Prime Number

2, 5, 11, 17, 23, 31

S43. Ans.(e)**Sol.**

Missing number = 2375

Pattern of series –

 $1600 + 400 = 2000$ $2000 + 200 = 2200$ $2200 + 100 = 2300$ $2300 + 50 = 2350$ $2350 + 25 = 2375$ **S44. Ans.(d)****Sol.**

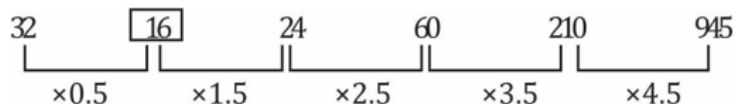
Missing number = 150

Pattern of series –

 $120 + 10 = 130$ $130 - 20 = 110$ $110 + 30 = 140$ $140 - 40 = 100$ $100 + 50 = 150$ **S45. Ans.(c)****Sol.**

Missing number = 945

Pattern of series –

**S46. Ans.(a)****Sol.**

Let radius & height of cylinder be 'r cm' & 'h cm' respectively.

ATQ,

Volume of cylinder = 11550 cm^3 $\pi r^2 h = 11550 \dots (i)$ And curved surface area of cylinder = 1320 cm^2 $2\pi r h = 1320 \dots (ii)$

On solving (i) and (ii), we get:

 $r = 17.5 \text{ cm}, h = 12 \text{ cm}$ **Quantity I:** 17.5 cm**Quantity II:** 12 cmSo, **Quantity I > Quantity II.**

S47. Ans.(d)

Sol.

Quantity I:

$$x^2 - 15x + 56 = 0$$

$$x^2 - 8x - 7x + 56 = 0$$

$$x(x - 8) - 7(x - 8) = 0$$

$$(x - 8)(x - 7) = 0$$

$$x = 8, 7$$

Quantity II:

$$y^2 - 12y + 35 = 0$$

$$y^2 - 7y - 5y + 35 = 0$$

$$y(y - 7) - 5(y - 7) = 0$$

$$(y - 7)(y - 5) = 0$$

$$y = 5, 7$$

So, **Quantity I \geq Quantity II.**

S48. Ans.(b)

Sol.

Quantity I:

Let speed of boat in still water be 'x km/hr'
and speed of stream be 'y km/hr.'

ATQ,

$$\frac{182}{7} = x + y$$

$$x + y = 26 \quad \dots (i)$$

$$\text{And } \frac{(182 \times \frac{200}{18} \times \frac{1}{100})}{7} = x - y$$

$$x - y = 4 \quad \dots (ii)$$

On solving (i) and (ii), we get:

$$x = 15 \text{ km/hr.}$$

Quantity II: 16 km/hr.

So, **Quantity II $>$ Quantity I.**



S49. Ans.(e)

Sol.

Quantity I: $(x + 16)^2 = 441$

$$(x + 16) = \pm 21$$

$$x + 16 = 21$$

$$x = 5$$

$$x + 16 = -21$$

$$x = -37$$

Quantity II: $(y + 22)^2 = 961$

$$(y + 22) = \pm 31$$

$$y + 22 = 31$$

$$y = 9$$

$$y + 22 = -31$$

$$y = -53$$

So, no relation

S50. Ans.(b)**Sol.****Quantity I:**

Let cost price of the article be Rs. 100x.

So, marked price of the article = $100x \times \frac{160}{100} = \text{Rs. } 160x$ And, selling price of article = $100x + 100x \times \frac{22}{100} = \text{Rs. } 122x$

Given, selling price of the article = Rs. 1830

 $122x = \text{Rs. } 1830$ $x = \text{Rs. } 15$ So, CP of article = $100x = \text{Rs. } 1500$ And MP of article = $160x = \text{Rs. } 2400$ Required difference = $(2400 - 1830) - (1830 - 1500)$ $= 570 - 330 = \text{Rs. } 240$ **Quantity II:** Rs. 336.So, **Quantity II > Quantity I.****S51. Ans.(b)****Sol.**

The ratio of profit share of A and B

$$= \frac{(8000 \times 12)}{32} : \left(10000 \times 9 + \frac{10000}{2} \times 3\right) : 35$$

$$\text{So, the profit share of A} = \frac{32}{(32+35)} \times 670 = \text{Rs. } 320$$

S52. Ans.(d)**Sol.**Total number of 5-digit numbers with unit digit as 0 = $6 \times 5 \times 4 \times 3 = 360$ Total number of 5-digit numbers with unit digit as 5 = $5 \times 5 \times 4 \times 3 = 300$ So, total number of 5-digit numbers which are divisible by 5 = $360 + 300 = 660$ **S53. Ans.(d)****Sol.**

Let present age of Ajay and Paras are 5x years and y years respectively.

So, present age of Raj = $5x \times \frac{120}{100} = 6x$ years.

ATQ,

$$\frac{y-10}{5x-10} = \frac{6}{5}$$

$$30x - 5y = 10 \dots\dots\dots(i)$$

$$\text{And, } \frac{6x+y}{2} = 29$$

$$6x + y = 58 \dots\dots\dots(ii)$$

On solving (i) and (ii), we get:

$$x=5 \text{ and } y = 28$$

so, Paras's present age = 28 years.



S54. Ans.(d)

Sol.

Let cost price of book and pen are
Rs. X and Rs. Y respectively.

ATQ,

$$X \times \frac{125}{100} = 3500$$

$$X = 2800 \text{ Rs.}$$

$$\text{And, } Y \times \frac{5}{6} = 3500$$

$$Y = 4200 \text{ Rs.}$$

$$\begin{aligned} \text{Required difference} &= 4200 - 2800 \\ &= \text{Rs.1400} \end{aligned}$$

S55. Ans.(a)

Sol.

ATQ,

Relative speed of the trains

$$= (95 + 85) \times \frac{5}{18} = 50 \text{ m/s}$$

$$\text{Required time} = \frac{360+440}{50}$$

$$= 16 \text{ sec.}$$

S56. Ans.(e)

Sol.

$$\frac{24}{100} \times 1275 + \frac{225}{5} + \frac{11}{100} \times ? = 363 + \frac{90}{9}$$

$$306 + 45 + \frac{11}{100} \times ? = 373$$

$$? = \frac{22}{11} \times 100$$

$$? = 200$$

S57. Ans.(b)

Sol.

$$1274 + 126 - \frac{2}{5} \times ? + 10 \div 2.5 = 6^2 - \sqrt{100}$$

$$1274 + 126 - \frac{2}{5} \times ? + 4 = 36 - 10$$

$$1400 - \frac{2}{5} \times ? + 4 = 26$$

$$\frac{2}{5} \times ? = 1378$$

$$? = 3445$$

S58. Ans.(b)

Sol.

$$?^3 \times 6 + 8 = 170$$

$$?^3 \times 6 = 162$$

$$?^3 = 27$$

$$? = 3$$



S59. Ans.(e)

Sol.

$$\frac{51}{12} + \frac{7}{4} - ? = 4$$
$$? = \frac{51+21}{12} - 4$$
$$? = 6 - 4 = 2$$

S60. Ans.(c)

Sol.

$$225 - 14\frac{2}{7}\% \text{ of } 980 = 91 - \frac{(13)^2 - (5)^2}{?}$$
$$225 - \frac{1}{7} \times 980 = 91 - \frac{144}{?}$$
$$\frac{144}{?} = 91 - 85$$
$$? = \frac{144}{6}$$
$$? = 24.$$

S61. Ans.(c)

Sol.

Number of boys who participate from school S = $75 - 25 = 50$

Number of girls who participate from school P = 40

Required result = $50 - 40 = 10$


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S62. Ans.(c)

Sol.

Total number of girls who participate from all the given five school = $40 + 60 + 30 + 25 + 50 = 205$

Required average = $\frac{205}{5} = 41$

S63. Ans.(a)

Sol.

Total number of boys who participate from school P, Q and R = $(100 - 40) + (120 - 60)$

$+ (80 - 30) = 60 + 60 + 50 = 170$

Total number of girls who participate from school S & T = $25 + 50 = 75$

Required ratio = $170 : 75$

$= 34 : 15$

S64. Ans.(d)

Sol.

Total number of boys who participate from school S & T = $(75 - 25) + (100 - 50)$
 $= 50 + 50 = 100$

Total number of students who participate from school P, Q and R = $100 + 120 + 80 = 300$

Required percentage = $\frac{100}{300} \times 100 = 33\frac{1}{3}\%$

S65. Ans.(b)

Sol.

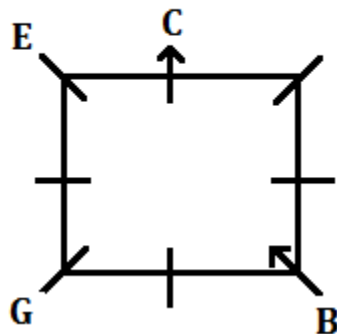
Total number of boys participate from school

Q, R & T = $(120 - 60) + (80 - 30) + (100 - 50)$
 $= 60 + 50 + 50$
 $= 160$

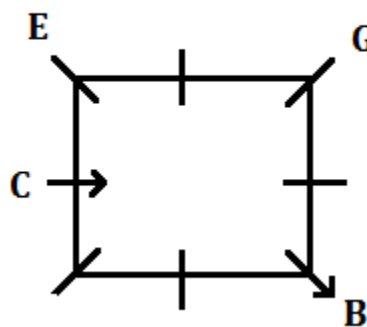
S66. Ans.(b)

Sol. From the given statements, C sits 3rd to the right of B. B sits at one of the corner sides of the table. Here we get 2 possibilities i.e. Case 1 and Case 2. G sits 3rd to the left of C. One person sits between G and E.

Case 1

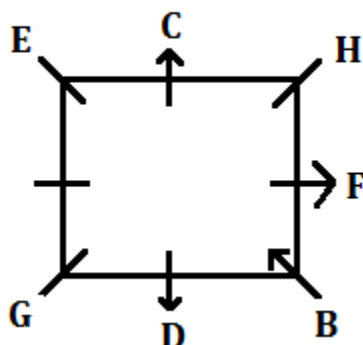


Case 2

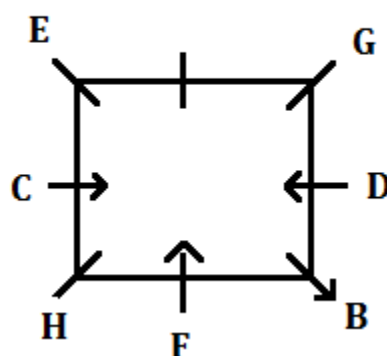


H sits 3rd to the left of D and sits to the immediate left of F. D doesn't sit near to E.

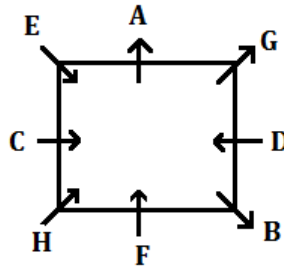
Case 1



Case 2

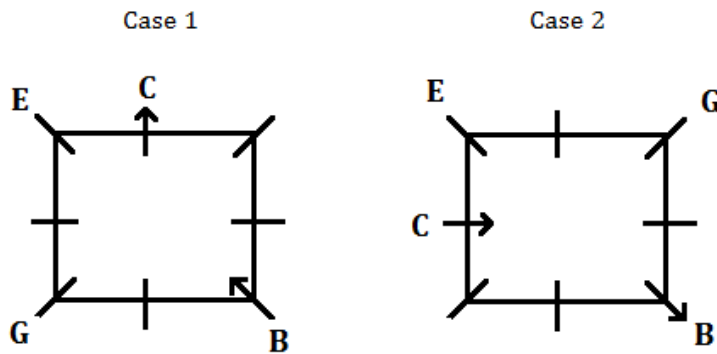


D faces towards the centre of the table. From this condition Case 1 is ruled out now. A doesn't face inside. Both G and A face the same direction. Three of them are facing outside from the centre of the table. So, the final arrangement is-

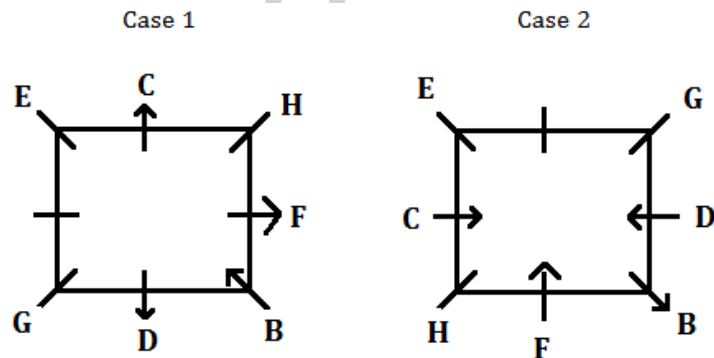


S67. Ans.(a)

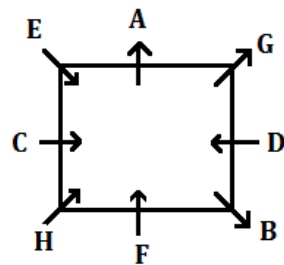
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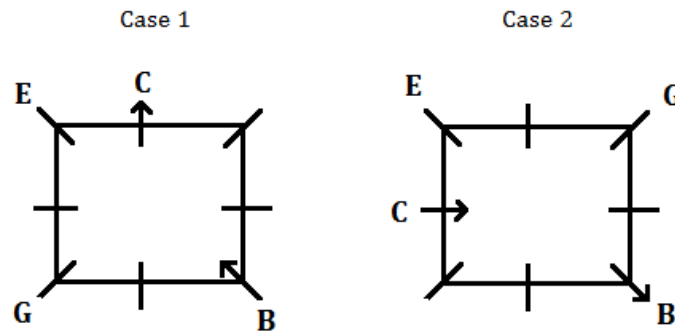


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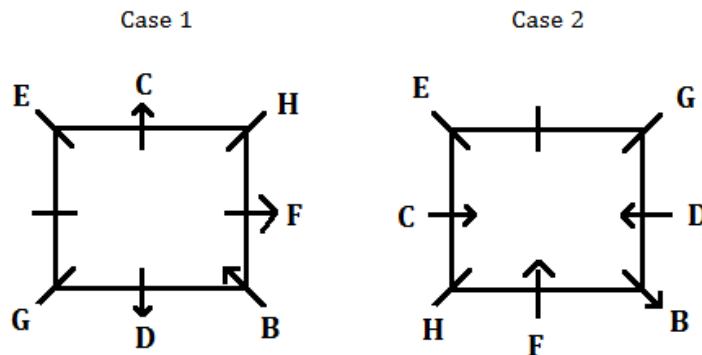


S68. Ans.(e)

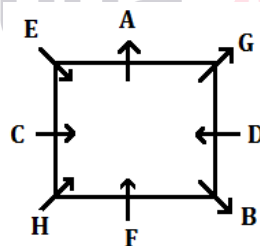
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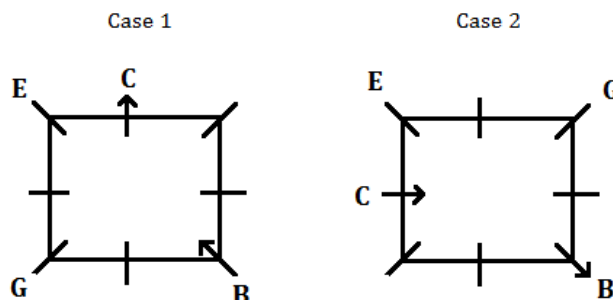


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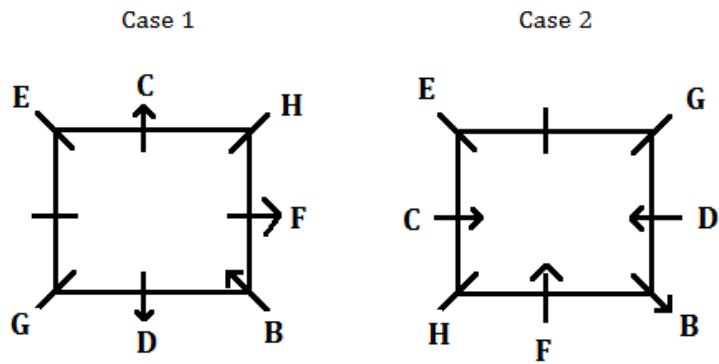


S69. Ans.(c)

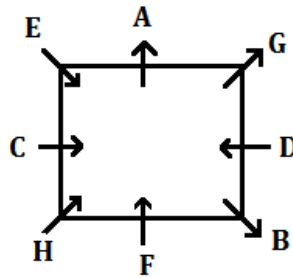
Sol. From the given statements, C sits 3rd to the right of B. B sits at one of the corner sides of the table. Here we get 2 possibilities i.e. Case 1 and Case 2. G sits 3rd to the left of C. One person sits between G and E.



H sits 3rd to the left of D and sits to the immediate left of F. D doesn't sit near to E.

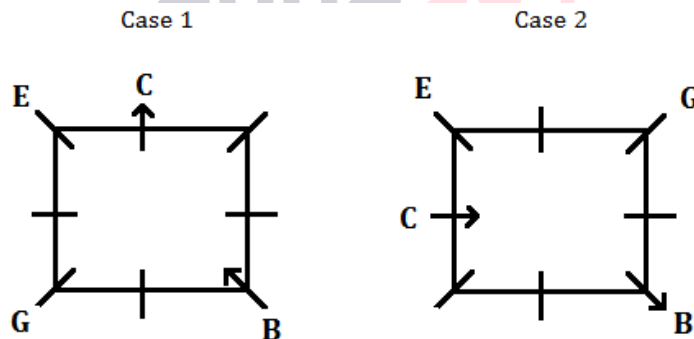


D faces towards the centre of the table. From this condition Case 1 is ruled out now. A doesn't face inside. Both G and A face the same direction. Three of them are facing outside from the centre of the table. So, the final arrangement is-

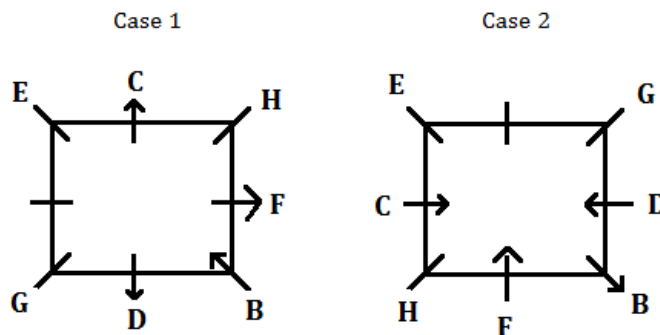


S70. Ans.(e)

Sol. From the given statements, C sits 3rd to the right of B. B sits at one of the corner sides of the table. Here we get 2 possibilities i.e. Case 1 and Case 2. G sits 3rd to the left of C. One person sits between G and E.

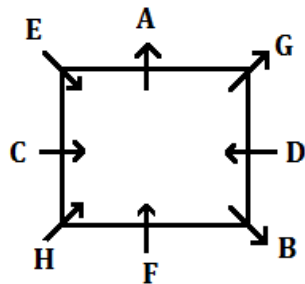


H sits 3rd to the left of D and sits to the immediate left of F. D doesn't sit near to E.



D faces towards the centre of the table. From this condition Case 1 is ruled out now. A doesn't face inside. Both G and A face the same direction. Three of them are facing outside from the centre of the table.

So, the final arrangement is-



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S71. Ans.(a)

Sol.

- I. $N < J$ (True)
- II. $Q \geq U$ (False)

S72. Ans.(b)

Sol.

- I. $O > X$ (False)
- II. $Z \geq X$ (True)



S73. Ans.(e)

Sol.

- I. $S < E$ (True)
- II. $R \leq E$ (True)

S74. Ans.(c)

Sol. As per the given statements, B sits third from one of the extreme ends. So, here we have two possible cases i.e. case 1 and case 2. Two persons sit between B and G. H sits second to the left of G and is not an immediate neighbour of B. A sits second to the right of B. A sits at extreme end.

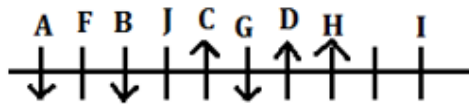


CASE 1

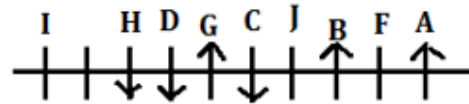


CASE 2

J sits exactly between B and C. G and J are not immediate neighbours. D sits second to the right of C and faces same direction as C. I sits second to the right of H. F sits to the right of B who faces same direction as A.

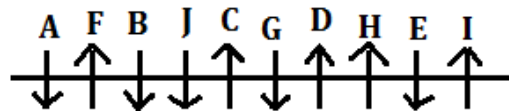


CASE 1



CASE 2

E sits to the immediate left of I who faces to the north. So, case 2 gets eliminated here. E and J both face in same direction as A. B sits to the right of F. So, the final arrangement is:



S75. Ans.(d)

Sol. As per the given statements, B sits third from one of the extreme ends. So, here we have two possible cases i.e. case 1 and case 2. Two persons sit between B and G. H sits second to the left of G and is not an immediate neighbour of B. A sits second to the right of B. A sits at extreme end.

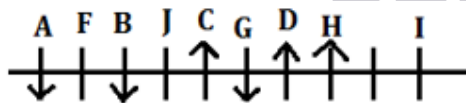


CASE 1

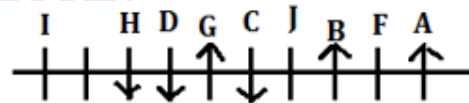


CASE 2

J sits exactly between B and C. G and J are not immediate neighbours. D sits second to the right of C and faces same direction as C. I sits second to the right of H. F sits to the right of B who faces same direction as A.

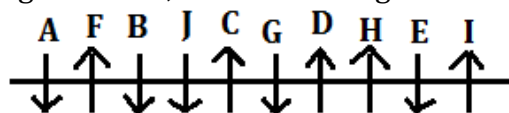


CASE 1



CASE 2

E sits to the immediate left of I who faces to the north. So, case 2 gets eliminated here. E and J both face in same direction as A. B sits to the right of F. So, the final arrangement is:



S76. Ans.(e)

Sol. As per the given statements, B sits third from one of the extreme ends. So, here we have two possible cases i.e. case 1 and case 2. Two persons sit between B and G. H sits second to the left of G and is not an immediate neighbour of B. A sits second to the right of B. A sits at extreme end.

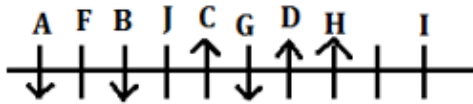


CASE 1

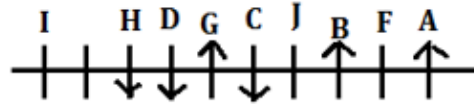


CASE 2

J sits exactly between B and C. G and J are not immediate neighbours. D sits second to the right of C and faces same direction as C. I sits second to the right of H. F sits to the right of B who faces same direction as A.

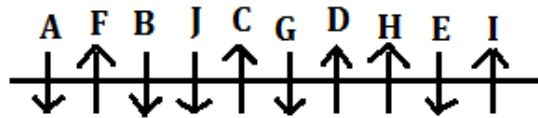


CASE 1



CASE 2

E sits to the immediate left of I who faces to the north. So, case 2 gets eliminated here. E and J both face in same direction as A. B sits to the right of F. So, the final arrangement is:



S77. Ans.(a)

Sol. As per the given statements, B sits third from one of the extreme ends. So, here we have two possible cases i.e. case 1 and case 2. Two persons sit between B and G. H sits second to the left of G and is not an immediate neighbour of B. A sits second to the right of B. A sits at extreme end.

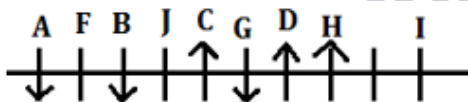


CASE 1

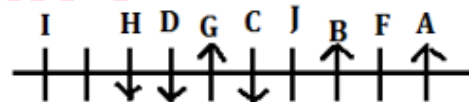


CASE 2

J sits exactly between B and C. G and J are not immediate neighbours. D sits second to the right of C and faces same direction as C. I sits second to the right of H. F sits to the right of B who faces same direction as A.

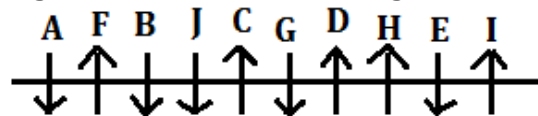


CASE 1



CASE 2

E sits to the immediate left of I who faces to the north. So, case 2 gets eliminated here. E and J both face in same direction as A. B sits to the right of F. So, the final arrangement is:



S78. Ans.(d)

Sol. As per the given statements, B sits third from one of the extreme ends. So, here we have two possible cases i.e. case 1 and case 2. Two persons sit between B and G. H sits second to the left of G and is not an immediate neighbour of B. A sits second to the right of B. A sits at extreme end.

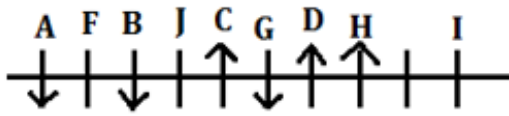


CASE 1

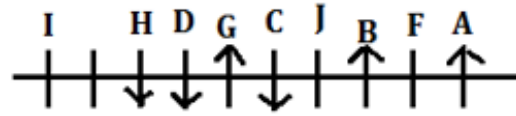


CASE 2

J sits exactly between B and C. G and J are not immediate neighbours. D sits second to the right of C and faces same direction as C. I sits second to the right of H. F sits to the right of B who faces same direction as A.

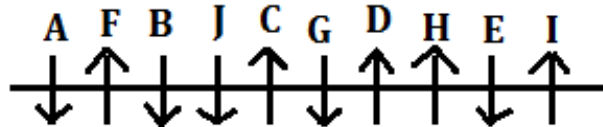


CASE 1



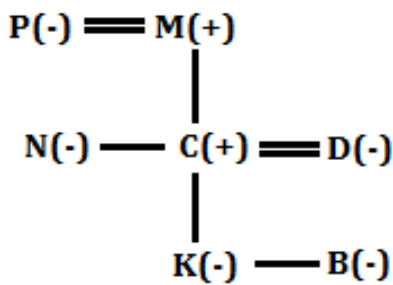
CASE 2

E sits to the immediate left of I who faces to the north. So, case 2 gets eliminated here. E and J both face in same direction as A. B sits to the right of F. So, the final arrangement is:



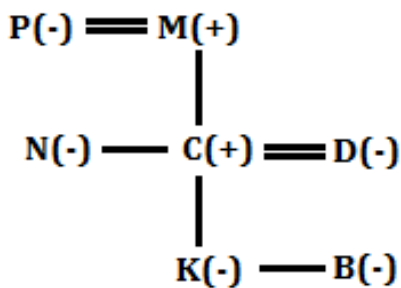
S79. Ans.(d)

Sol.



S80. Ans.(b)

Sol.



S81. Ans.(a)

Sol. From the given statements, R gets lockdown before Wednesday. Here we get 2 possibilities i.e. Case 1 and Case 2. E is the capital of N, which is lockdown just after R. Only one state gets lockdown between N and Q. Q doesn't get lockdown on Friday.

Days	Case 1		Case 2	
	States	Capitals	States	Capitals
Monday	R		Q	
Tuesday	N	E	R	
Wednesday			N	E
Thursday	Q			
Friday				
Saturday				

Only three states get lockdown between Q and the capital B. Here Case 1 is ruled out now. G is the capital of O. F is the capital of S. S gets lockdown after O. C is not the capital of Q. So, the final arrangement is-

Days	States	Capitals
Monday	Q	A
Tuesday	R	C
Wednesday	N	E
Thursday	O	G
Friday	M	B
Saturday	S	F

S82. Ans.(b)

Sol. From the given statements, R gets lockdown before Wednesday. Here we get 2 possibilities i.e. Case 1 and Case 2. E is the capital of N, which is lockdown just after R. Only one state gets lockdown between N and Q. Q doesn't get lockdown on Friday.

Days	Case 1		Case 2	
	States	Capitals	States	Capitals
Monday	R		Q	
Tuesday	N	E	R	
Wednesday			N	E
Thursday	Q			
Friday				
Saturday				

Only three states get lockdown between Q and the capital B. Here Case 1 is ruled out now. G is the capital of O. F is the capital of S. S gets lockdown after O. C is not the capital of Q. So, the final arrangement is-

Days	States	Capitals
Monday	Q	A
Tuesday	R	C
Wednesday	N	E
Thursday	O	G
Friday	M	B
Saturday	S	F

S83. Ans.(a)

Sol. From the given statements, R gets lockdown before Wednesday. Here we get 2 possibilities i.e. Case 1 and Case 2. E is the capital of N, which is lockdown just after R. Only one state gets lockdown between N and Q. Q doesn't get lockdown on Friday.

Days	Case 1		Case 2	
	States	Capitals	States	Capitals
Monday	R		Q	
Tuesday	N	E	R	
Wednesday			N	E
Thursday	Q			
Friday				
Saturday				

Only three states get lockdown between Q and the capital B. Here Case 1 is ruled out now. G is the capital of O. F is the capital of S. S gets lockdown after O. C is not the capital of Q. So, the final arrangement is-

Days	States	Capitals
Monday	Q	A
Tuesday	R	C
Wednesday	N	E
Thursday	O	G
Friday	M	B
Saturday	S	F

S84. Ans.(d)

Sol. From the given statements, R gets lockdown before Wednesday. Here we get 2 possibilities i.e. Case 1 and Case 2. E is the capital of N, which is lockdown just after R. Only one state gets lockdown between N and Q. Q doesn't get lockdown on Friday.

Days	Case 1		Case 2	
	States	Capitals	States	Capitals
Monday	R		Q	
Tuesday	N	E	R	
Wednesday			N	E
Thursday	Q			
Friday				
Saturday				

Only three states get lockdown between Q and the capital B. Here Case 1 is ruled out now. G is the capital of O. F is the capital of S. S gets lockdown after O. C is not the capital of Q. So, the final arrangement is-

Days	States	Capitals
Monday	Q	A
Tuesday	R	C
Wednesday	N	E
Thursday	O	G
Friday	M	B
Saturday	S	F

S85. Ans.(d)

Sol. From the given statements, R gets lockdown before Wednesday. Here we get 2 possibilities i.e. Case 1 and Case 2. E is the capital of N, which is lockdown just after R. Only one state gets lockdown between N and Q. Q doesn't get lockdown on Friday.

Days	Case 1		Case 2	
	States	Capitals	States	Capitals
Monday	R		Q	
Tuesday	N	E	R	
Wednesday			N	E
Thursday	Q			
Friday				
Saturday				

Only three states get lockdown between Q and the capital B. Here Case 1 is ruled out now. G is the capital of O. F is the capital of S. S gets lockdown after O. C is not the capital of Q. So, the final arrangement is-

Days	States	Capitals
Monday	Q	A
Tuesday	R	C
Wednesday	N	E
Thursday	O	G
Friday	M	B
Saturday	S	F

S86. Ans.(b)**Sol.**

Words	Codes
Summer	MN
Mango	CT
Shake	LP
Season	KC
Here/there	MK/PU
Fruit/juice	DM/CL
Tooti/fruity	PZ/CY

S87. Ans.(d)**Sol.**

Words	Codes
Summer	MN
Mango	CT
Shake	LP
Season	KC
Here/there	MK/PU
Fruit/juice	DM/CL
Tooti/fruity	PZ/CY

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S88. Ans.(e)

Sol.

Words	Codes
Summer	MN
Mango	CT
Shake	LP
Season	KC
Here/there	MK/PU
Fruit/juice	DM/CL
Tooti/fruity	PZ/CY

S89. Ans.(a)

Sol.

Words	Codes
Summer	MN
Mango	CT
Shake	LP
Season	KC
Here/there	MK/PU
Fruit/juice	DM/CL
Tooti/fruity	PZ/CY

S90. Ans.(c)

Sol.

Words	Codes
Summer	MN
Mango	CT
Shake	LP
Season	KC
Here/there	MK/PU
Fruit/juice	DM/CL
Tooti/fruity	PZ/CY

S91. Ans.(d)

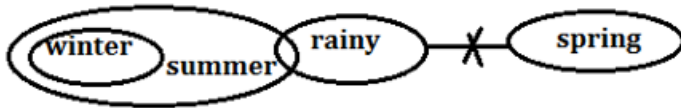
S92. Ans.(d)

Sol.



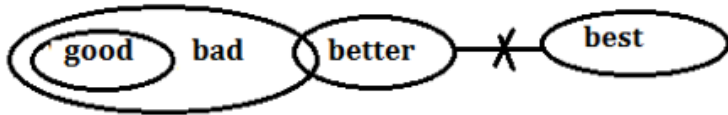
S93. Ans.(e)

Sol.



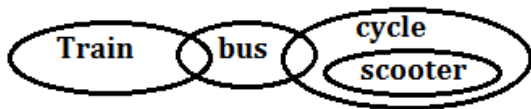
S94. Ans.(c)

Sol.



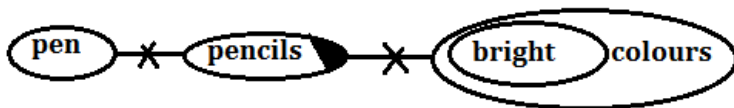
S95. Ans.(e)

Sol.



S96. Ans.(d)

Sol.



S97. Ans.(c)

Sol.

A > B > C > D > E > F > G

9kg 8kg 7kg

S98. Ans.(e)

Sol.

A > B > C > D > E > F > G

9kg 8kg 7kg

S99. Ans.(d)

Sol.

A > B > C > D > E > F > G

9kg 8kg 7kg 6kg 5kg 4kg 3kg

So, 7kg - 4kg = 3kg

S100. Ans.(a)

Sol.

5 3 4 8 2 3 5 9 6

9 8 6 5 5 4 3 3 2

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