SBI Clerk Prelims Memory Based 1st Shift (Held on 22nd February 2025)

Directions (1-7) Read the following passage and answer the given questions.
Direction: Read the passage carefully and answer the questions that follow.

India is witnessing a troubling rise in road rage incidents, with what often begins as a minor disagreement escalating into violent altercations, sometimes ending in death. Frustrations on the road, fueled by congestion and impatience, are increasingly leading to physical confrontations. In extreme cases, these incidents have turned deadly, with some even escalating to **shooting** incidents, leaving behind a trail of victims. Road rage is increasingly becoming a common and dangerous phenomenon across Indian cities, claiming more lives and leaving many injured. Cases like this have been reported with growing frequency, including a fatal stabbing in Gurgaon earlier this year, where a small collision led to deadly violence. In some alarming instances, individuals **resort** to extreme actions, such as brandishing weapons or physically assaulting others, instead of resolving conflicts calmly.
Most road rage incidents go unreported. They are usually resolved between the disputing parties with or without police or public intervention, or the parties simply go their ways, leaving the conflict unresolved and eventually forgotten. Road rage, according to experts, is a sudden expression of anger triggered in a motorist in reaction to the behavior of other motorists or pedestrians on the road. But some shocking incidents come into the limelight, especially with almost everyone equipped with a smartphone and present on social media platforms to "spread the news" with videos of violent confrontations.
Traffic congestion in India has become synonymous with road rage, where anger and frustration build up to dangerous levels, often pushing individuals to harm others either deliberately or out of sheer impulse. These incidents, ranging from deadly assaults to shooting incidents, illustrate the dangerous consequences of unchecked anger on India's congested streets.
"I have always considered myself a calm person, someone who avoids conflict. However, there have been moments on the road where even I have found myself on the edge. It is not that I want to engage in arguments, but when someone suddenly cuts you off, honks aggressively as if they own the road, or tailgates you for kilometers, it is hard not to react. The frustration builds up, and before you know it, you are raising your voice, maybe even stepping out of the car to confront the other driver. These are situations I never imagined myself being in, but the chaos on the roads seems to bring out the worst in all of us," Mohammad Waqas, a 26-year-old student at Bengaluru University, tells the media.
According to road safety studies, every day, 3,500 people die due to road rage globally. This means that every year, there are 50 million injuries and 1.3 million road accident deaths, most of which are preventable. Both the long- and short-term implications of these accidents affect not only the injured individuals but also their

families and the economy. According to a study, the economic cost associated with road traffic accidents in India is up to USD 38.81 billion, which is equivalent to 1.35% of GDP.

According to Union Road Transport Minister Nitin Gadkari, the total number of road rage and rash driving cases was 1,55,000 in 2019, and it jumped to 1,83,000 cases in 2020. In 2021, the number of cases increased to 2,15,000. Netizens say road rage should be treated as a separate crime altogether, and laws should be enacted to deal with the issue as a whole.

To provide deeper insights into the legal and societal implications of road rage, Human Rights Advocate Choudhary Ali Zia Kabir highlights the systemic issues that fuel such violent encounters. Kabir believes that road rage incidents reflect deeper frustrations embedded within social inequality and infrastructure problems. He also emphasizes the urgent need for stricter legal enforcement and a broader understanding of the societal pressures that trigger such aggression.

"Aggressors could be booked for causing hurt, criminal intimidation, criminal assault, grievous hurt, and even attempted murder, depending on the severity. Offenders could also be sued for physical and emotional damages. Of course, implementation is apathetic, evidenced by unabated incidents and recent trends of flaunting about them, as we have recently seen social media reels where some car-driving influencer knocked a biker, and another where a biker sprayed some foam on an elderly cyclist. Now, a road is but a reflection of society, and freer, because there is relative anonymity—whatever happens, you could just drive away without looking back. So, people behave more freely, express more rage than they would in their own locality. These are not just criminal incidents but symptoms of broader frustrations caused by degraded public infrastructure, social alienation, and economic inequality. The cyclist is abused by the biker, the biker by the car driver, and the car driver by the expensive car driver. People are less respectful towards taxis than private cars. Every incident of road rage violates the victim's right to safety and dignity, leaving physical and psychological trauma," Kabir tells Media India Group.

"Laws should be strictly enforced. At the same time, we must evolve to recognize systemic pressures that precipitate these incidents. Merely punishing individuals without addressing the root causes is not enough. If we address systemic inequality in society, many of our problems would be solved. But in the immediate term, we should work towards better urban planning, public transport infrastructure, and educational programs that teach conflict resolution as part of driving education. Our failure to do so reflects a systemic disregard for the human costs of an increasingly aggressive and unequal society," Kabir adds.

Q1 What can be inferred as the primary reason behind the rise in road rage incidents in India?

(A) Lack of proper law enforcement and penalties for road rage cases

(B) Increasing impatience and frustration due to traffic congestion

(C) The rise of social media, which promotes violent behavior

(D) Aggressive driving styles of Indian motorists

(E) A decline in moral values among people

Q2 Why does the passage mention that "Most of the road rage incidents go unreported"?

(A) People fear legal consequences if they report road rage incidents.

(B)

The police system is inefficient in handling road rage complaints.
(C) Many incidents are resolved informally or forgotten over time.
(D) Social media plays a greater role in highlighting only severe cases.
(E) There is a cultural tendency to avoid legal proceedings in India.

Q3 What can be inferred about the economic impact of road rage and traffic accidents in India?
(A) The economic loss due to road accidents is negligible compared to GDP.
(B) Road accidents have a severe economic impact, affecting GDP significantly.
(C) The loss due to accidents is mostly covered by insurance companies.
(D) The primary economic concern is related to hospital and medical expenses.
(E) The government does not consider the economic impact of road accidents seriously.

Q4 What does the passage suggest about social media's role in road rage incidents?
(A) It is a major cause of road rage incidents.
(B) It helps in documenting and spreading awareness about road rage.
(C) It prevents people from engaging in violent behavior on roads.
(D) It provides a legal platform for victims to report road rage cases.
(E) It sensationalizes road rage incidents for entertainment purposes.

Q5 Based on the passage, what can be inferred as a possible long-term solution to reduce road rage incidents?
(A) Imposing stricter laws and harsher punishments for road rage offenders
(B) Improving urban planning and public transport infrastructure
(C) Banning individuals with a history of road rage from driving
(D) Increasing the number of traffic police officers on Indian roads
(E) Educating people about social etiquette and the dangers of road rage

Q6 Choose the correct synonym for the word "Shooting" in the given context:
(A) Firing (B) Filming
(C) Throwing (D) Hunting
(E) Sprinting

Q7 Choose the correct synonym for the word "Resort" in the given context:
(A) Depend (B) Travel
(C) Relax (D) Complain
(E) Encourage

Directions (8-12) Read the following passage and answer the given questions.
In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

It is not unusual to forget things as you age. As we grow old, our ability to remember and recall things decreases. While it's natural, the condition can be _____A_____ due to other factors, including certain health conditions. In Ayurveda, the ability of the brain to carry out various cognitive processes, such as memorising, thinking creatively, and recalling power, is called medha, or intellect. As per an Ayurveda expert, ageing and other conditions such as vitiated doshas might cause our cognitive health to_____B_____ These issues have existed for a long time affecting people of all ages. Ayurveda acknowledges this issue and provides allencompassing _____C_____ for the

improvement. The experts have suggested some Ayurvedic remedies to deal with the issues related to memory and cognitive functions. Seeds and nuts are loaded with a number of health benefits and as well as help in keeping our minds strong. Dark chocolates are made up of 70 pereent cocoa with little to no added sugar. Cocoa is a rich source of flavonoids, an antioxidant that helps_____D_____ cognitive health. The experts encouraged engaging in brain games like sudoku, chess, crossword, puzzles, and scramble. These games help keep the mind active and _____E_____ cognitive abilities.

Q8 Which of the options is appropriate for the blank A?
(A) Expected (B) Deviated
(C) Aggravated (D) Handled
(E) None of these

Q9 Which of the options is appropriate for the blank B?
(A) Expand (B) Ratify
(C) Await (D) Deteriorate
(E) None of these

Q10 Which of the options is appropriate for the blank C?
(A) Custom (B) Treatment
(C) Charity (D) Destitute
(E) None of these

Q11 Which of the options is appropriate for the blank D?
(A) Compose (B) Rescind
(C) Boost (D) Dismantle
(E) None of these

Q12 Which of the options is appropriate for the blank E?
(A) Enhance (B) Permit
(C) Esteem (D) Hike
(E) None of these

Directions (13-17) Read the following passage and answer the given questions.
In each of the questions given below, a set of six statements is given, out of which only the statement given in bold is fixed, and the rest are jumbled in any random order. Rearrange the remaining statements in the right order and answer the questions that follow.

A. It is also associated with chronic illness and disability.
B. Physical inactivity is the fourth leading cause of death worldwide.
C. Popular ways to be physically active include walking, cycling, and playing sports.
D. **Regular physical activity helps to prevent and manage many chronic diseases.**
E. The World Health Organisation recommends that children and adolescents get an average of at least 60 minutes per day of moderate to vigorous intensity physical activity.
F. Recent research estimates that the world could see close to half a billion new cases of major chronic diseases by 2030 if people don't get more active.

Q13 **Which among the following would come after the Statement A after the rearrangement?**
(A) **(F)**
(B) **(B)**
(C) **(C)**
(D) **(D)**
(E) **None of the above**

Q14 **Which among the following would precede the Statement (F) after the rearrangement?**
(A) **(B)**

(B) **(C)**
(C) **(E)**
(D) **(A)**
(E) **None of the above**

Q15 **Which among the following would be the FIFTH sentence of the paragraph after the rearrangement?**
(A) **(A)**
(B) **(C)**
(C) **(F)**
(D) **(E)**
(E) **None of the above**

Q16 **Which among the following would be the SECOND statement of the paragraph after the rearrangement?**
(A) **(F)**
(B) **(C)**
(C) A
(D) **(B)**
(E) **None of the above**

Q17 **Which among the following would be the SIXTH (LAST) sentence after the rearrangement?**
(A) **F**
(B) **B**
(C) **E**
(D) **C**
(E) **None of the above**

Q18 **Direction : In the question below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelled or inappropriate in the context of the sentence. Find out the word, which is wrongly spelled or inappropriate, if any. If all the words are correctly spelled and appropriate in the context of the sentence, mark (e) as your answer.**

Emperor penguins **thrive** on Antarctica's **coastlines** in **spicy** conditions that any human would find **extreme**.
(A) thrive
(B) coastlines
(C) spicy
(D) extreme
(E) All are correct

Q19 **Direction : In the question below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelled or inappropriate in the context of the sentence. Find out the word, which is wrongly spelled or inappropriate, if any. If all the words are correctly spelled and appropriate in the context of the sentence, mark (e) as your answer.**

The American and French revolutions **established** the political **character** of modern **social** as **democratic**.
(A) established
(B) character
(C) social
(D) democratic
(E) All are correct

Q20 **Direction : In the question below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelled or inappropriate in the context of the sentence. Find out the word, which is wrongly spelled or inappropriate, if any. If all the words are correctly spelled and appropriate in the context of the sentence, mark (e) as your answer.**

Rare side **affects** such as blood **clots** have been **reported** from the Johnson and Johnson vaccine.
(A) rare (B) affects

(C) clots (D) reported

Q21 **Direction : In the question below, a sentence is given with four words highlighted in bold. One of these four words may either be wrongly spelled or inappropriate in the context of the sentence. Find out the word, which is wrongly spelled or inappropriate, if any. If all the words are correctly spelled and appropriate in the context of the sentence, mark (e) as your answer.**

The camp's **complexity** to the canalized river must have **provided plentiful** water for **irrigation** of its trees and plants.
(A) complexity
(B) provided
(C) plentiful
(D) irrigation
(E) All are correct

Q22 Direction: A sentence with four emboldened words is given below. See if any of the words are wrongly used based on context or spelling, and mark that word accordingly. If all the words are used correctly, use option (E) as the answer.
With the introduction of **numerous** AI applications, there are several **websites** that can **amplify** your creativity within a **spun** of minutes.
(A) numerous
(B) websites
(C) amplify
(D) spun
(E) All are correct

Q23 **Direction: Read the given sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation, if any).**

The IT Rules' specifications on giving users a)/ prior notice before removing content or b)/ disabled access, and for intermediaries to come up c)/with periodic compliance reports are well taken d)/ No error e).
(A) A (B) B
(C) C (D) D
(E) No Error

Q24 **Direction: Read the given sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation, if any).**

There is a legitimate concern that the government is keener on regulating a)/ or taking down critical opinion or dissent in social media/news b)/ platforms than hate speech or disinformation, which in many c)/ cases have originated from representatives of the state d)/No error e).
(A) A (B) B
(C) C (D) D
(E) No Error

Q25 **Direction: Read the given sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation, if any).**

The Supreme Court's decision to refer to a Constitution Bench the issue of a)/ granting legal recognition to same-sex marriages can be seeing

as a important b)/ step towards ensuring gender equality, despite c)/ apprehension that it is encroaching on the legislative domain d)/ No error e).

(A) A (B) B
(C) C (D) D
(E) No Error

Q26 **Direction: Read the given sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation, if any).**

The Act allows the solemnisation of a a)/marriage among any two persons and is used by those b)/who are unable to register their c)/ marriages under their respective personal laws d)/No error e).

(A) A (B) B
(C) C (D) D
(E) No Error

Q27 **Direction: Read the given sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation, if any).**

The mere fact that many people consider marriage to be a sacrament or a)/ a holy union is not enough to deny equal b)/ status to the union of people of the same sex or to undermine its c)/ essential character as a socially and economic contract d)/ No error e).

(A) A (B) B
(C) C (D) D
(E) No error

Q28 **Directions: In the following question, a word is given in bold, followed by four sentences. Choose the appropriate option, mentioning the sentence that uses the highlighted word in a grammatically correct and contextually meaningful manner.**

Slip

(A) She decided to slip the letter into his bag without him noticing.
(B) The teacher handed out a slip of homework assignments to all students.
(C) He wore a new slip of jeans for the party.
(D) Due to his injury, he had to slip the race and watch from the stands.
(E) None of the above

Q29 **Directions: In the following question, a word is given in bold, followed by four sentences. Choose the appropriate option, mentioning the sentence that uses the highlighted word in a grammatically correct and contextually meaningful manner.**

batch

(A) The chef baked a fresh batch of cookies for the guests.
(B) He wore a batch on his uniform to show his rank.
(C) The runner completed the marathon in a batch of 3 hours.
(D) She carried a batch of water to the field.
(E) None of the above

Q30 **Directions: In the following question, a word is given in bold, followed by four sentences. Choose the appropriate option, mentioning the sentence that uses the highlighted word in a grammatically correct and contextually meaningful manner.**

Lethargic

(A)

Despite the busy schedule, she remained lethargic in pursuing her goals.
(B) The intense workout left her feeling lethargic and full of energy.
(C) The exciting news had a lethargic effect on the team's enthusiasm.
(D) After the long hike, he felt lethargic and struggled to stay awake.
(E) All of the above

Q31 What should come in place of the question mark '?' in the following question?
$280 \div 4 \div 2 = 170 - ?$
(A) 135 (B) 125
(C) 128 (D) 120
(E) 124

Q32 **What will come in place of a question mark (?) in the following question**
$(4270 + 8050) \div ? = 440$
(A) 25 (B) 22
(C) 28 (D) 32
(E) None of these

Q33 **What will come in place of a question mark (?) in the following question**
$3\frac{1}{2} - 5\frac{3}{4} + 3\frac{2}{3} = ?$
(A) $1\frac{3}{12}$
(B) $1\frac{2}{12}$
(C) $1\frac{5}{12}$
(D) $1\frac{7}{12}$
(E) None of these

Q34 **Solve the simplification question.**
$494 - 15 \times 8 + 4^3 - 77 = ?^2$
(A) 13 (B) 15
(C) 17 (D) 19
(E) 21

Q35 What will come in place of question mark (?) in the following equation?
55% of 600 - ? = 8 × 180 ÷ 9
(A) 150 (B) 170
(C) 210 (D) 140
(E) 190

Q36 **What value comes in place of the question mark (?) in the following equation?**
29 × 5 + ? % of 250 = 13 × 15
(A) 40 (B) 55
(C) 20 (D) 30
(E) None of these

Q37 25% of $100 + 80\%$ of $155 + 12.5\%$ of $112 = ?$
(A) 181 (B) 154
(C) 163 (D) 139
(E) 145

Q38 $\sqrt{484} + 120$ of $120 \div 60$ of $30 = ?$
(A) 30 (B) 45
(C) 15 (D) 60
(E) 90

Q39 Find the value of Question Mark (?) in the following equation.
$8500 + \frac{1600}{?}$ of $\frac{1}{5} = 8501$
(A) None of these
(B) 325
(C) 320
(D) 315
(E) 310

Q40 What value will come in place of question mark (?) in the following question?
170 x 12 = ? - 150 x 3
(A) 2460 (B) 2420
(C) 2570 (D) 2410
(E) 2490

Q41 What will come in the place of question (?) mark in the following number series
$10^2 + 18^2 + 12 \times 5 = ?^2$
(A) 20 (B) 26
(C) 24 (D) 22
(E) 18

Q42 Find the value of (?) in the following question.
$14.28\% \times 420 + 28.56\% \times 420 + 120 = ?$
(A) 280 (B) 320
(C) 300 (D) 350
(E) None of these

Q43 Directions: what value will come in place of question mark(?) in the given number series ?

$250, 235, 205, 160, ?, 25$
(A) 120 (B) 100
(C) 75 (D) 150
(E) 110

Q44 Directions: What will come in place of the question mark (?) in the following questions?
330, 343, 360, 379, 402, ?
(A) 431 (B) 427
(C) 432 (D) 435
(E) 500

Q45 What will come in place of question mark (?)
6, 3, 3, 6, 24, ?
(A) 64 (B) 96
(C) 124 (D) 156
(E) 192

Directions (46-50) Read the following passage and answer the given questions.
Directions: Read the information given below carefully and answer the questions based on it.
Table given below shows three different electronic items sold in the given three months.

Months	Laptop	Mobile	Camera
January	72	108	96
February	75	117	81
March	102	132	135

Q46 Laptops sold in January are how much percent less than that of mobiles sold in the same month.
(A) 25% (B) 33.33%
(C) 37.5% (D) 46.66%
(E) None of these

Q47 Find the ratio of the total number of electronic items sold in February to that total number of mobiles sold in all three months together?
(A) 17:19 (B) 11:17
(C) 13:19 (D) 13:17
(E) None of these

Q48 In April, the total number of laptops sold is 20% more than that of laptops sold in February and total number of mobile phones sold in March is 25% less than that of mobiles sold in April. Find the total number of cameras sold in April if total electronic items sold in April are the same as that in March?
(A) 114 (B) 108
(C) 126 (D) 103
(E) None of these

Q49 Find that mobiles sold in January and February together are how much more or less than that of cameras sold in February and March together?
(A) 9 (B) 10
(C) 8 (D) 12
(E) None of these

Q50 Find the difference between the average number of electronic items sold in February with the average number of electronic items sold in March?
(A) 40 (B) 29
(C) 35 (D) None of these
(E) 32

Q51 Ratio of the downstream and upstream speed of the boat is 4:2 and the speed of the stream is 16

km/hr , then find the time taken by boat to cover 480 km in still water.
(A) 10 hr (B) 11 hr
(C) 12 hr (D) 13 hr
(E) None of these

Q52 Five years ago, Ankit's age and Rohit's age are in the ratio of 8 : 5. Seven years hence, their respective ages will be in the ratio of 11 : 8. Ankit's present age is how much percent more than the present age of Rohit?
(A) 50% (B) 60%
(C) 48% (D) 55%
(E) 36%

Q53 The difference between CI and SI for 2 years is Rs 1.25 at the rate of 10% per annum, find the principal ?
(A) 120
(B) 125
(C) 250
(D) 225
(E) None of the above

Q54 (P + Q) together can do a piece of work in 30. days. While (Q + R) together we can do a piece of work in 40 days. (R + P) together can do a piece of work in 24 days. In how many days will this work be completed by P, Q and R alone.
(A) 40, 120, 60 (B) 60, 80, 50
(C) 50, 80, 120 (D) 10, 20, 60
(E) none of these

Q55 Ankit covered a distance in 7 hours at the speed of 60 km/hr, in the next 6 hours at the speed of 50 km/hr, and the remaining distance in the next 2 hours at the speed of 67.5 km/hr. Find the average speed of the whole journey.
(A) 57 kmph
(B) 55 kmph
(C) 63 kmph
(D) 49 kmph
(E) None of these

Q56 Sahil's's Income and expenditure are in the ratio of 5 : 2. His income increases by 20%. If his expenditure increases by 25%, then by how much % should his saving increases ?
(A) 21% (B) 20%
(C) $16\left(\frac{2}{3}\right)\%$ (D) 25%
(E) None of these

Q57 The cost price of 30 articles is the same as the selling price of y articles. If the profit is 25%, then find the value of y.
(A) 30 (B) 34
(C) 20 (D) 24
(E) None of these

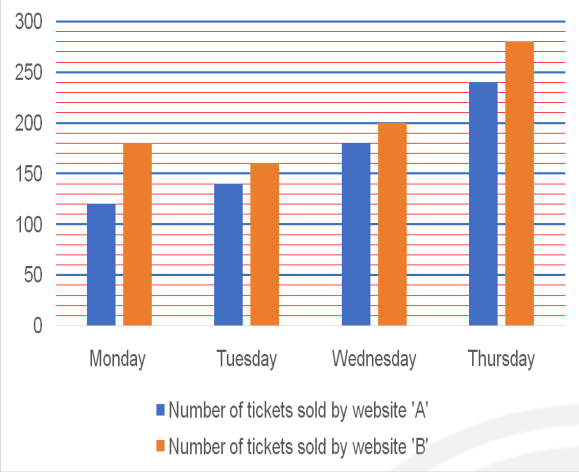
Q58 A, and B started a business by investing Rs. 32400 and Rs. 48600 respectively. After 9 months C also joined them with an investment of Rs. 37800. What is the share of profit of C, if at the end of the year, total profit is Rs. 67000?(Rs.)
(A) 3500 (B) 10500
(C) 14000 (D) 7000
(E) 24000

Q59 A train speeds before a pole in 10 seconds and a platform 150 m long in 20 seconds. Find the length of the train in meters.
(A) 100 (B) 111
(C) 101 (D) 110
(E) 150

Q60 If the average of runs scored by a cricket player in 8 innings was 35, how many runs must he score in his next innings to increase his average runs by 4?
(A) 58 runs (B) 69 runs
(C) 75 runs (D) 71 runs
(E) 80 runs

Q61 Directions: Answer the questions based on the information given below.

The bar graph given below shows the number of 'Go-kart' tickets sold by two different websites namely 'A' and 'B', on four different days of a week.

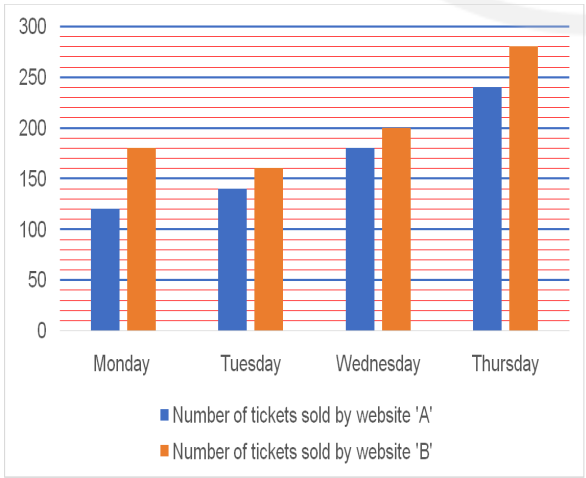


Find the ratio of number of tickets sold by website 'B' on Tuesday to that by website 'A' on Thursday.

(A) 8:7 (B) 2:3
(C) 1:2 (D) 2:1
(E) 3:4

Q62 Directions: Answer the questions based on the information given below.

The bar graph given below shows the number of 'Go-kart' tickets sold by two different websites namely 'A' and 'B', on four different days of a week.

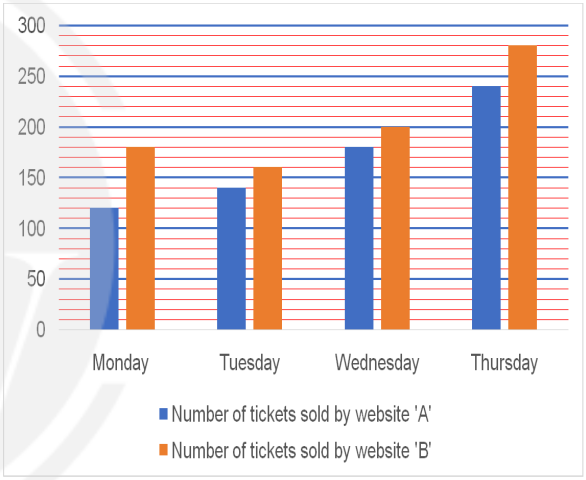


If selling price of Go-kart tickets at website 'A' and website 'B' is Rs. 100 per 6 tickets and Rs. 100 per 5 tickets, respectively, then find the difference between revenue generated by both websites on Wednesday by selling Go-kart tickets.

(A) Rs. 1,000 (B) Rs. 1,200
(C) Rs. 800 (D) Rs. 1,500
(E) none of these

Q63 Directions: Answer the questions based on the information given below.

The bar graph given below shows the number of 'Go-kart' tickets sold by two different websites namely 'A' and 'B', on four different days of a week.

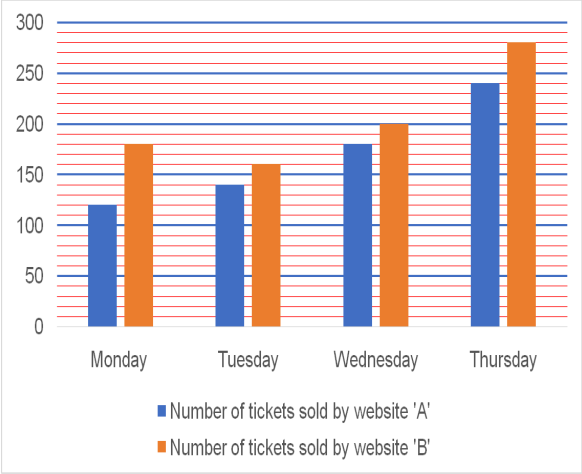


Find the average number of tickets sold by website 'B' on Monday, Wednesday and Thursday.

(A) 220 (B) 180
(C) 345 (D) 600
(E) none of these

Q64 Directions: Answer the questions based on the information given below.

The bar graph given below shows the number of 'Go-kart' tickets sold by two different websites namely 'A' and 'B', on four different days of a week.

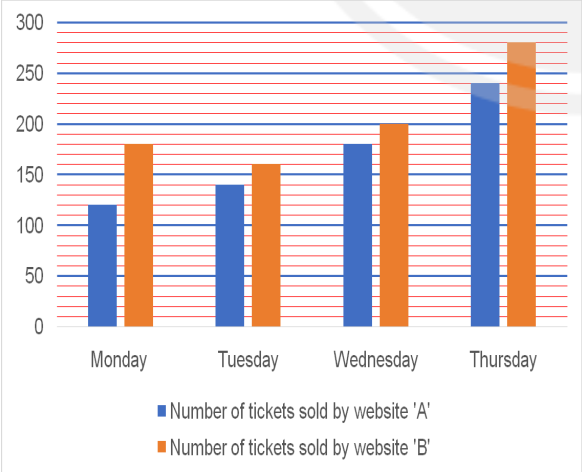


If on Sunday, total number of Go-kart tickets sold by given two websites together was 40% more than that on Thursday, then find the number of Go-kart tickets sold on Sunday by given two websites together.

(A) 228 (B) 450
(C) 600 (D) 728
(E) none of these

Q65 **Directions: Answer the questions based on the information given below.**

The bar graph given below shows the number of 'Go-kart' tickets sold by two different websites namely 'A' and 'B', on four different days of a week.



Find the number of tickets sold by website 'A' on Monday and Wednesday together.

(A) 450 (B) 280
(C) 300 (D) 110
(E) none of these

Directions (66-70) Read the following passage and answer the given questions.
Study the following information carefully to answer the given questions.

Eight persons, P, Q, R, S, T, U, V, and W, were born on two different dates, either on 6th or 25th, of four different months of a year, viz. March, April, May, and June, but not necessarily in the same order. R was born just after Q. Two persons were born between U and W. No one was born between W and T. The number of persons born before T is the same as the number of persons born after P. Four persons were born between U and V who was born in the month having an odd number of days. P was born before U.

Q66 How many persons were born between P and T?

(A) Three (B) Four
(C) Five (D) Two
(E) None

Q67 In which of the following month S was born?

(A) May
(B) April
(C) June
(D) Either June or April
(E) March

Q68 Who among the following was born just before T?

(A) S (B) U
(C) V (D) W
(E) None of these

Q69 Which among the following statement(s) is/are true?

(A) R was born before S

(B) No one was born before V
(C) P was born in June
(D) Two persons were born after Q
(E) All are true

Q70 Four of the following five are alike in a certain way and hence form a group. Who among the following does not belong to that group?
(A) R – 25th
(B) Q – 6th
(C) P – 6th
(D) U – 25th
(E) W – 25th

Q71 **In the given question, assuming the given statements to be true. Find which of the given two conclusions numbered I and II is/are definitely true and give your answer accordingly.**

Statements:
B < N, N = U > R, O < T ≥ R
Conclusions:
I. T ≥ B
II. B > T
(A) Only conclusion I true.
(B) Only conclusion II true.
(C) Either conclusion I or II true.
(D) Neither conclusion I nor II true.
(E) Both conclusion I and II true.

Q72 **In the given questions, assuming the given statements to be true. Find which of the given two conclusions number I and II is/are definitely true and give your answer accordingly.**

Statements:
B < R = K; Q > A ≤ Y < Z; Q < S ≤ F ≤ K
Conclusions:
I. S ≤ R
II. F > A
(A) Only conclusion I true
(B) Only conclusion II true
(C) Either conclusion I or conclusion II true
(D) Neither conclusion I nor conclusion II true
(E) Both conclusion I and conclusion II true

Q73 **In the given questions, assuming the given statements to be true. Find which of the given two conclusions number I and II is/are definitely true and give your answer accordingly.**

Statements:
I > Z ≥ K < J ; I ≤ H = G; X < Y > G
Conclusions:
I. J ≥ H
II. K < Y
(A) Only conclusion I is true
(B) Only conclusion II is true
(C) Either conclusion I or conclusion II is true
(D) Neither conclusion I nor conclusion II is true
(E) Both conclusion I and conclusion II are true

Q74 **Directions: Study the following data carefully and answer accordingly.**
Eight people are sitting around a square table. Four of them are sitting at the corners facing outside and the remaining four are sitting at the sides of the table facing inside. T sits second to the right of V. One person sits between S and M. M does not sit at the corner and is not a neighbor of V. S is not a neighbor of N. Two people sit between Q and T. F and R are not neighbors. One person sits between Q and F. Two people sit between V and S.
Find the odd one.
(A) F (B) Q
(C) S (D) M
(E) R

Q75 **Directions: Study the following data carefully and answer accordingly.**
Eight people are sitting around a square table. Four of them are sitting at the corners facing outside and the remaining four are sitting at the sides of the table facing inside. T sits second to the right of V. One person sits between S and M. M does not sit at the corner and is not a neighbor of V. S is not a neighbor of N. Two people sit between Q and T. F and R are not neighbors. One person sits between Q and F. Two people sit between V and S.
How many alphabets are there in the English dictionary between F and the one, who sits immediate right of M?
(A) Seven (B) Ten
(C) Fourteen (D) Eleven
(E) None of these

Q76 **Directions: Study the following data carefully and answer accordingly.**
Eight people are sitting around a square table. Four of them are sitting at the corners facing outside and the remaining four are sitting at the sides of the table facing inside. T sits second to the right of V. One person sits between S and M. M does not sit at the corner and is not a neighbor of V. S is not a neighbor of N. Two people sit between Q and T. F and R are not neighbors. One person sits between Q and F. Two people sit between V and S.
Who among the following sits near N?
(A) V (B) T
(C) Q (D) R
(E) None of these

Q77 **Directions: Study the following data carefully and answer accordingly.**
Eight people are sitting around a square table. Four of them are sitting at the corners facing outside and the remaining four are sitting at the sides of the table facing inside. T sits second to the right of V. One person sits between S and M. M does not sit at the corner and is not a neighbor of V. S is not a neighbor of N. Two people sit between Q and T. F and R are not neighbors. One person sits between Q and F. Two people sit between V and S.
Who among the following sits opposite T?
(A) R (B) V
(C) N (D) M
(E) None of these

Q78 **Directions: Study the following data carefully and answer accordingly.**
Eight people are sitting around a square table. Four of them are sitting at the corners facing outside and the remaining four are sitting at the sides of the table facing inside. T sits second to the right of V. One person sits between S and M. M does not sit at the corner and is not a neighbor of V. S is not a neighbor of N. Two people sit between Q and T. F and R are not neighbors. One person sits between Q and F. Two people sit between V and S.
Who sits second to the right of R?
(A) V (B) Q
(C) M (D) N
(E) None of these

Q79 How many such pairs of letters are there in the word **"NOMINATE"** each of which has as many letters between them as in English alphabetical series (in both directions)?
(A) One
(B) Two
(C) Three
(D) None
(E) More than three

Q80 **Directions : In the question below there are three statements followed by two conclusions I and II. You have to take the three given statements to be true even if they seem to be**

at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding commonly known facts.
Statements
Some salt are custard
Only a few custard is lemon
All lemon are butter
Conclusions
I. All lemon are salt
II. Some butter being salt is a possibility
(A) Only conclusion I follows
(B) Both the conclusions I and II follow
(C) Neither conclusion I nor II follow
(D) Only conclusion II follows
(E) Either conclusion I or II follows

Q81 **In the question below are given three statements followed by a few conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

Statements: Only a few explanation are example. No diagram is question. Only a few example are diagram.
Conclusions:
I. Some examples are questions.
II. Some diagrams are explanation is a possibility.
(A) Only I follows
(B) Only II follows
(C) Either I or II follows
(D) Neither I nor II follows
(E) None of these

Q82 **In the question below are given three statements followed by a few conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.**

Statements: All fields are parks. Only a few tracks are courts. All courts are fields.
Conclusions:
I. No courts are parks.
II. Some parks are tracks.
(A) Only I follows
(B) Only II follows
(C) Either I or II follows
(D) Neither I nor II follows
(E) Both I and II follow

Q83 **In each of the questions below are given two statements followed by two conclusions numbered I and II. Even though the supplied statements appear to conflict with well-known facts, you must accept their veracity. Read all the conclusions & statements and then decide which of the given conclusion logically follows from the given statements disregarding commonly known facts.**

Statements :
Some bottles are jungles.
All jungles are birds.
Conclusions :
I. Some birds are bottles.
II. All bottles are birds.
(A) If only conclusion I follows
(B) If only conclusion II follows
(C) If either conclusion I or II follows
(D) If neither conclusion I nor II follows
(E) Both conclusions I and II follow

Q84 **Directions: Study the following data carefully and answer the questions accordingly.**

There are eight people A, B, C, D, E, F, G and H sitting in a row facing north but not necessarily in the same order. E sits third to the left of H, either E or H sit at an extreme end of the row. The number of people sitting to the left of E is same as the number of people sitting to the right of G. B sits second to the left of G. There are three people sitting between B and F. D sits to the left of F but does not sit at any of the extreme ends of the row. C sits to the left of A.
How many person(s) sit between C and B?
(A) None (B) Two
(C) Three (D) One
(E) None of these

Q85 Directions: Study the following data carefully and answer the questions accordingly.

There are eight people A, B, C, D, E, F, G and H sitting in a row facing north but not necessarily in the same order. E sits third to the left of H, either E or H sit at an extreme end of the row. The number of people sitting to the left of E is same as the number of people sitting to the right of G. B sits second to the left of G. There are three people sitting between B and F. D sits to the left of F but does not sit at any of the extreme ends of the row. C sits to the left of A.
How many person(s) sit to the left of A?
(A) Three (B) Seven
(C) None (D) Two
(E) Six

Q86 Directions: Study the following data carefully and answer the questions accordingly.

There are eight people A, B, C, D, E, F, G and H sitting in a row facing north but not necessarily in the same order. E sits third to the left of H, either E or H sit at an extreme end of the row. The number of people sitting to the left of E is same as the number of people sitting to the right of G. B sits second to the left of G. There are three people sitting between B and F. D sits to the left of F but does not sit at any of the extreme ends of the row. C sits to the left of A.
Which of the following combinations correctly show the neighbor(s) of C?
(A) H (B) None
(C) B (D) G
(E) None of these

Q87 Directions: Study the following data carefully and answer the questions accordingly.

There are eight people A, B, C, D, E, F, G and H sitting in a row facing north but not necessarily in the same order. E sits third to the left of H, either E or H sit at an extreme end of the row. The number of people sitting to the left of E is same as the number of people sitting to the right of G. B sits second to the left of G. There are three people sitting between B and F. D sits to the left of F but does not sit at any of the extreme ends of the row. C sits to the left of A.
Who among the following is third to the right of G?
(A) F (B) H
(C) C (D) A
(E) None of these

Q88 Directions: Study the following data carefully and answer the questions accordingly.

There are eight people A, B, C, D, E, F, G and H sitting in a row facing north but not necessarily in the same order. E sits third to the left of H, either E or H sit at an extreme end of the row. The number of people sitting to the left of E is same as the number of people sitting to the right of G. B sits second to the left of G. There are three people sitting between B and F. D sits to the left

of F but does not sit at any of the extreme ends of the row. C sits to the left of A.
Who among the following sits at the extreme left end of the row?
(A) H (B) E
(C) C (D) A
(E) None of these

Q89 Which of the following is the second letter from the left end of the meaningful word formed by the 1st,3rd, 5th, and 6th letter of the word **"DRAWER"** If more than one word is formed mark X as your answer. If no such word is formed mark Y as your answer?
(A) R (B) D
(C) E (D) X
(E) Y

Q90 Study the information given below carefully and answer the following question.

An uncertain number of people are seated in a row facing north. S is seated fourth from the left end. M is seated fourth to the right of S. Three people are seated between M and D. L is seated second to the left of G. P sits exactly between S and M. O is seated fourth to the left of L. A is seated at the one of the extreme ends of the row. Three people are seated between D and O. K is seated second to the right of M. E is seated exactly between K and D. No one is seated to the right of G.

Who is seated seventh to the right of A?
(A) K (B) M
(C) L (D) O
(E) None of these

Q91 Study the information given below carefully and answer the following question.

An uncertain number of people are seated in a row facing north. S is seated fourth from the left end. M is seated fourth to the right of S. Three people are seated between M and D. L is seated second to the left of G. P sits exactly between S and M. O is seated fourth to the left of L. A is seated at the one of the extreme ends of the row. Three people are seated between D and O. K is seated second to the right of M. E is seated exactly between K and D. No one is seated to the right of G.

How many people can sit to the left of E?
(A) 9 (B) 12
(C) 10 (D) 15
(E) None of these

Q92 Study the information given below carefully and answer the following question.

An uncertain number of people are seated in a row facing north. S is seated fourth from the left end. M is seated fourth to the right of S. Three people are seated between M and D. L is seated second to the left of G. P sits exactly between S and M. O is seated fourth to the left of L. A is seated at the one of the extreme ends of the row. Three people are seated between D and O. K is seated second to the right of M. E is seated exactly between K and D. No one is seated to the right of G.

Who among the following is seated at the extreme end of the row?
(A) S (B) L
(C) P (D) G
(E) None of these

Q93 These questions are based on the following five three digits numbers.

863 725 278 549 875

If all the three digits within each number are arranged in descending order then what will be the difference between second digit of the smallest number and third digit of the largest number thus formed?

(A) 1 (B) 2
(C) 3 (D) 4
(E) None of these

Q94 These questions are based on the following five three digits numbers.

863 725 278 549 875

If first and second digits of each number is added the sum of which of the following numbers would be an even number?

(A) 875 (B) 278
(C) 549 (D) 725
(E) 863

Q95 These questions are based on the following five three digits numbers.

863 725 278 549 875

If the positions of the first and the third digits in each of the numbers are interchanged, then what will be the difference between the first and third digits of the second smallest number thus formed?

(A) 6 (B) 3
(C) 5 (D) 2
(E) None of these

Q96 These questions are based on the following five three digits numbers.

863 725 278 549 875

If '1' is added to the first digit of each number and then the position of first and second digits are interchanged, which of the following will be the third digit of the second highest number?

(A) 5 (B) 3
(C) 8 (D) 9
(E) None of these

Q97 These questions are based on the following five three digits numbers.

863 725 278 549 875

If '1' is subtracted from all the even digits and '2' is subtracted from all the odd digits and then the numbers are arranged in ascending order, which of the following will be the second largest number?

(A) 863 (B) 725
(C) 278 (D) 549
(E) None of these

Q98 Answer the questions based on the information given below:

In a family of seven members spanned across three generations, each married couple has one daughter. C and D are only siblings of M, who is married to E. K is the granddaughter of P. A is the mother of C. E, who is the sister-in-law of D, is the daughter-in-law of P. D is not the aunt of K.

How is D related to the granddaughter of A?

(A) Sister (B) Brother
(C) Mother (D) Uncle
(E) Father

Q99 Answer the questions based on the information given below:

In a family of seven members spanned across three generations, each married couple has one

daughter. C and D are only siblings of M, who is married to E. K is the granddaughter of P. A is the mother of C. E, who is the sister-in-law of D, is the daughter-in-law of P. D is not the aunt of K.

If Prakash is married to K, then how is M related to Prakash?

(A) Brother-in-law (B) Father-in-law
(C) Son-in-law (D) Mother-in-law
(E) None of these

Q100 Answer the questions based on the information given below:

In a family of seven members spanned across three generations, each married couple has one daughter. C and D are only siblings of M, who is married to E. K is the granddaughter of P. A is the mother of C. E, who is the sister-in-law of D, is the daughter-in-law of P. D is not the aunt of K.

Which among the following statement is true?

(A) C is the brother-in-law of E
(B) D is the maternal uncle of P
(C) All are false
(D) M and D are male children of A
(E) E is mother-in-law of K

Answer Key

Q1	(B)
Q2	(C)
Q3	(B)
Q4	(B)
Q5	(B)
Q6	(A)
Q7	(E)
Q8	(C)
Q9	(D)
Q10	(B)
Q11	(C)
Q12	(A)
Q13	(A)
Q14	(D)
Q15	(B)
Q16	(C)
Q17	(C)
Q18	(C)
Q19	(C)
Q20	(B)
Q21	(A)
Q22	(D)
Q23	(C)
Q24	(D)
Q25	(B)
Q26	(B)
Q27	(D)
Q28	(A)
Q29	(A)
Q30	(D)
Q31	(A)
Q32	(C)
Q33	(C)
Q34	(D)
Q35	(B)
Q36	(C)
Q37	(C)
Q38	(A)
Q39	(C)
Q40	(E)
Q41	(D)
Q42	(C)
Q43	(B)
Q44	(A)
Q45	(E)
Q46	(B)
Q47	(D)
Q48	(D)
Q49	(A)
Q50	(E)
Q51	(A)
Q52	(C)
Q53	(B)
Q54	(A)
Q55	(A)
Q56	(C)

Q57 (D)
Q58 (D)
Q59 (E)
Q60 (D)
Q61 (B)
Q62 (A)
Q63 (A)
Q64 (D)
Q65 (C)
Q66 (E)
Q67 (E)
Q68 (D)
Q69 (B)
Q70 (E)
Q71 (C)
Q72 (E)
Q73 (B)
Q74 (E)
Q75 (D)
Q76 (C)
Q77 (C)
Q78 (D)
Q79 (E)
Q80 (D)
Q81 (B)
Q82 (B)
Q83 (A)
Q84 (A)
Q85 (E)
Q86 (C)
Q87 (D)
Q88 (C)
Q89 (D)
Q90 (B)
Q91 (C)
Q92 (D)
Q93 (A)
Q94 (E)
Q95 (D)
Q96 (C)
Q97 (A)
Q98 (D)
Q99 (B)
Q100 (D)

Hints & Solutions

Q1. Text Solution:
The passage repeatedly highlights how traffic congestion and impatience fuel aggressive behavior, leading to road rage incidents. While law enforcement issues (A) and aggressive driving (D) contribute, the primary cause is the frustration built up due to long hours on congested roads. The passage does not support (C) or (E) as the main reasons.

Q2. Text Solution:
The passage explicitly states that most road rage incidents are either resolved between disputing parties or simply left unresolved and forgotten. While (A) and (B) might be contributing factors, the passage does not focus on them. Option (D) refers to severe cases but does not explain why most cases go unreported. (E) is a broad cultural assumption not emphasized in the passage.

Q3. Text Solution:
The passage states that the economic cost of road accidents in India is USD 38.81 billion, which is 1.35% of GDP. This indicates a significant economic burden. (A) is incorrect as the impact is substantial. (C) is not mentioned in the passage. (D) is only partially correct, as the impact extends beyond medical costs to broader economic concerns. (E) is incorrect because the passage highlights government data on road rage cases.

Q4. Text Solution:
The passage states that with the rise of smartphones and social media, many road rage incidents come into the limelight, allowing people to witness and discuss these issues. While not a direct cause (A), it acts as a tool for spreading awareness. (C) is incorrect as social media does not prevent road rage. (D) is not mentioned. (E) might be partially true, but the passage emphasizes its role in exposing violent incidents rather than just sensationalizing them.

Q5. Text Solution:
The passage, particularly the advocate's statement, emphasizes that systemic issues like poor infrastructure and congestion contribute to road rage. While (A) might be a short-term measure, the long-term solution lies in better urban planning and transportation (B). (C) is extreme and impractical. (D) may help but does not address the root cause. (E) is beneficial but not as impactful as (B).

Q6. Text Solution:
In the given context, "shooting" refers to gunfire or an act of firing a weapon. The most appropriate synonym is "firing." While "filming" (B) can also mean "shooting" in a different sense (as in movies or photography), it does not fit the context of violence and aggression described in the passage. "Throwing" (C) and "hunting" (D) are unrelated, and "sprinting" (E) is entirely out of context.

Q7. Text Solution:
In this context, "resort" means "to turn to" or "to depend on something as a last option." The correct synonym is "depend." "Travel" (B) is incorrect because it refers to visiting a place, usually for leisure. "Relax" (C) relates to taking a break, which is unrelated to the given context. "Complain" (D) does not match the meaning, and "encourage" (E) is opposite in meaning.

Q8. Text Solution:
The passage talks about memory power and some factors that are responsible for making it weaker. It also suggests few natural remedies to improve memory power.
The context says, it is natural that with our age

our memory power decreases but this condition can be due to other factors also including our health conditions. Hence, the correct word here will be 'aggravated' which means 'to make worse or more severe; intensify'. Hence, option (C) is the correct choice here.
Other word meanings:
Expected - regarded as likely; anticipated
Deviated - to change from the usual way, or to go in a different direction
Handled - to pick something up and touch, hold, or move it with your hands

Q9. Text Solution:
The passage talks about memory power and some factors that are responsible for making it weaker. It also suggests few natural remedies to improve memory power.
The context says that as per Ayurveda expert, ageing and other conditions such as imbalanced doshas may cause our mental ability to become worse. Hence, the correct word here will be 'deteriorate' which means 'to make or become worse or inferior in character, quality, value ete'. Hence, option (d) is the correct choice here.
Other word meanings:
Expand - become or make larger or more extensive
Ratify - sign or give formal consent to (a treaty, contract, or agreement), making it officially valid
Await - wait for (an event)

Q10. Text Solution:
The passage talks about memory power and some factors that are responsible for making it weaker. It also suggests a few natural remedies to improve memory power.
The context says that these issues related to ageing and other conditions have existed since long affecting people of all ages, and Ayurveda recognizes these issues and provides comprehensive treatment for the improvement. Hence, the correct word here will be 'treatment '. Hence, option (b) is the correct choice here.
Other word meanings:
Custom - the usual practice of a person or group
Destitute - extremely poor and lacking the means to provide for oneself
Charity - generous actions or donations to aid people who are poor, ill, or needy

Q11. Text Solution:
The passage talks about memory power and some factors that are responsible for making it weaker. It also suggests a few natural remedies to improve memory power.
The context says that cocoa is a rich source of flavonoids, an antioxidant that helps improve mental health. Hence, the correct word here will be 'boost', which means 'help or encourage (something) to increase or improve'. Hence, option (C) is the correct choice here.
Other word meanings:
Compose - write or create (a work of art, especially music or poetry)
Rescind - revoke, cancel, or repeal (a law, order, or agreement)
Dismantle - take off or remove

Q12. Text Solution:
The passage talks about memory power and some factors that are responsible for making it weaker. It also suggests a few natural remedies to improve memory power.
The context says that the experts advise to engage in brain games like sudoku, chess, crossword, puzzles, and scramble as these games help keep the mind active and increase our mental ability.
Hence, the correct word here will be 'enhance ' which means 'increase, or further improve the quality, value, or extent of . Hence, option (A) is the correct choice here.
Other word meanings:

Permit - officially allow (someone) to do something
Esteem - respect and admire
Hike - an increase in the cost of something

Q13. Text Solution:
Sentence B will be the first sentence of the paragraph as it sets the theme of the paragraph, which is physical inactivity. The next sentence will be A, as it says that physical inactivity is also associated with chronic illness and disability. After A, sentence F should come; it talks about research that gives an estimate of new cases of major chronic diseases by 2030 if people don't get involved in more physical activities. The next sentence, i.e. the fourth sentence(d), is fixed at its position. Sentence D says that physical activity helps to prevent and manage many chronic diseases. After D, sentence C is appropriate as it mentions the ways through which one can be physically active. The last sentence will be E, which talks about recommendations given by the World Health Organisation for children and adolescents regarding physical activity. Hence, the correct rearrangement is BAFDCE.

Q14. Text Solution:
Sentence B will be the first sentence of the paragraph as it sets the theme of the paragraph, which is physical inactivity. The next sentence will be (A), as it says that physical inactivity is also associated with chronic illness and disability. After A, sentence F should come; it talks about research that gives an estimate of new cases of major chronic diseases by 2030 if people don't get involved in more physical activities. The next sentence, i.e. the fourth sentence(D), is fixed at its position. Sentence D says that physical activity helps to prevent and manage many chronic diseases. After D, sentence C is appropriate as it mentions the ways through which one can be physically active. The last sentence will be E, which talks about recommendations given by the World Health Organisation for children and adolescents regarding physical activity. Hence, the correct rearrangement is BAFDCE.

Q15. Text Solution:
Sentence B will be the first sentence of the paragraph as it sets the theme of the paragraph, which is physical inactivity. The next sentence will be (A), as it says that physical inactivity is also associated with chronic illness and disability. After A, sentence F should come; it talks about research that gives an estimate of new cases of major chronic diseases by 2030 if people don't get involved in more physical activities. The next sentence, i.e. the fourth sentence(D), is fixed at its position. Sentence D says that physical activity helps to prevent and manage many chronic diseases. After D, sentence (C) is appropriate as it mentions the ways through which one can be physically active. The last sentence will be E, which talks about recommendations given by the World Health Organisation for children and adolescents regarding physical activity. Hence, the correct rearrangement is BAFDCE.

Q16. Text Solution:
Sentence B will be the first sentence of the paragraph as it sets the theme of the paragraph, which is physical inactivity. The next sentence will be (A), as it says that physical inactivity is also associated with chronic illness and disability. After A, sentence F should come; it talks about research that gives an estimate of new cases of major chronic diseases by 2030 if people don't get involved in more physical activities. The next sentence, i.e. the fourth sentence(D), is fixed at its position. Sentence D says that physical activity helps to prevent and manage many chronic diseases. After D, sentence C is appropriate as it mentions the ways through which one can be physically active. The last sentence will be E,

which talks about recommendations given by the World Health Organisation for children and adolescents regarding physical activity. Hence, the correct rearrangement is BAFDCE.

Q17. Text Solution:
Sentence B will be the first sentence of the paragraph as it sets the theme of the paragraph, which is physical inactivity. The next sentence will be (A), as it says that physical inactivity is also associated with chronic illness and disability. After A, sentence F should come; it talks about research that gives an estimate of new cases of major chronic diseases by 2030 if people don't get involved in more physical activities. The next sentence, i.e. the fourth sentence(D), is fixed at its position. Sentence D says that physical activity helps to prevent and manage many chronic diseases. After D, sentence C is appropriate as it mentions the ways through which one can be physically active. The last sentence will be E, which talks about recommendations given by the World Health Organisation for children and adolescents regarding physical activity. Hence, the correct rearrangement is BAFDCE.

Q18 Text Solution:
The sentence tells us that emperor penguins thrive (flourish) on Antarctica's coastlines (areas near the sea) in very cold conditions that any human would find extreme (unbearable). SPICY (flavoured with spices) will not fit here. It should be replaced with ICY (extremely cold). Thus, (3) is the right answer.

Q19 Text Solution:
The sentence talks about how The American and French revolutions established (set) the political character (nature) of modern society as democratic (parliamentary). We need to replace the adjective SOCIAL with the noun SOCIETY to be modified by the adjective MODERN. Thus, (c) is the right answer.

Q20 Text Solution:
The sentence tells us how rare (uncommon) side effects such as blood clots (lumps formed as a result of coagulation) have been reported (observed) among the people who were given the Johnson and Johnson vaccine. The third-person singular verb AFFECTS (influences) does not fit here. It should be replaced with the noun EFFECTS (results) to form the compound noun side effects, meaning the secondary and undesirable effects of a medicine. Thus, (B) is the right answer.

Q21 Text Solution:
The sentence tells us how the camp's proximity to the river provided (supplied) plentiful (abundant) water for irrigation (cultivation). COMPLEXITY (difficulty) is not apt here and should be replaced with PROXIMITY (closeness). Thus, (A) is the right answer.

Q22 Text Solution:
The word 'spun' is incorrectly used here. Spun is the simple past (V2) and past participle (V3) of 'spin', which means 'turn or cause to turn or whirl round quickly'. The correct word here will be 'span', which means 'the length of time for which something lasts'. Hence, option (D) is the required choice.

Q23 Text Solution:
Ans:(c) To make the sentence grammatically correct, substitute 'disabled' for 'disabling' as the sentence must follow a parallel structure.

Q24 Text Solution:
Ans:(d) To make the sentence grammatically correct, substitute 'have' with 'has' as the subject is 'concern' which is singular so singular form of the verb must be used.

Q25 Text Solution:
Ans:(b) To make the sentence grammatically correct, substitute 'seeing' with 'seen' as the

sentence is in passive form so the third form of the verb is being used.

Q26 Text Solution:

Ans:(b) To make the sentence grammatically correct, substitute 'among' with 'between' as 'between' is used for two persons only and among is used when talking about people or things that are not distinct and are viewed as a group.

Q27 Text Solution:

Ans:(d) To make the sentence grammatically correct, substitute 'socially' with 'social' as an adjective is required before a noun.

Q28 Text Solution:

Option A (Correct): "Slip" is correctly used as a verb meaning "to put something somewhere quietly or secretly."
Option B (Incorrect): "Slip" does refer to a small piece of paper, but "a slip of homework assignments" is incorrect; it should be "a slip of paper with homework assignments."
Option C (Incorrect): "Slip" does not refer to clothing like jeans; the correct word should be "pair of jeans."
Option D (Incorrect): "Slip" is incorrectly used; the correct verb should be "skip the race."

Q29 Text Solution:

Option A (Correct): "Batch" is correctly used to mean "a group of things produced or prepared at the same time."
Option B (Incorrect): The correct word should be "badge" instead of "batch."
Option C (Incorrect): "Batch" does not relate to time; instead, "span" or "duration" would be more appropriate.
Option D (Incorrect): "Batch" does not refer to carrying water; the right word could be "bucket" or "container."

Q30 Text Solution:

Option (a) is incorrect, as being lethargic implies a lack of energy, and it doesn't align with actively pursuing goals.
Option (b) is incorrect, as feeling lethargic is not associated with being full of energy.
Option (c) is incorrect, as "lethargic" does not describe the effect of excitement on enthusiasm.
Option (d)correctly uses "lethargic" in the context of feeling tired, sluggish, or lacking in energy after a physically demanding activity.
Hence, Option (d) is the correct answer.

Q31 Text Solution:

$280 \div 4 \div 2 = 170 - ?$
$70 \div 2 = 170 - ?$
$35 = 170 - ?$
$? = 170 - 35$
$? = 135$

Q32 Text Solution:

$(4270 + 8050) \div ? = 440$
$\Rightarrow 12320 \div ? = 440$
$? = \frac{12320}{440}$
$? = 28$
$\therefore$ The answer is 28.

Q33 Text Solution:

$3\frac{1}{2} - 5\frac{3}{4} + 3\frac{2}{3} = ?$
$? = \{3 - 5 + 3\} + \frac{1}{2} - \frac{3}{4} + \frac{2}{3}$
$? = \{1\} + \frac{1}{2} - \frac{3}{4} + \frac{2}{3}$
$? = \{1\} + \frac{6-9+8}{12}$
$? = \{1\} + \frac{5}{12}$
$? = \frac{17}{12} = 1\frac{5}{12}$
Hence"$1\frac{5}{12}$" is the right answer.

Q34 Text Solution:

$494 - 15 \times 8 + 4^3 - 77 = ?^2$
$494 - 120 + 64 - 77 = ?^2$
$494 - 133 = ?^2$
$361 = ?^2$
$? = 19$

Q35 Text Solution:

Solution (2)

Follow BODMAS rule to solve this question, as per the order given below,
Step-1: Parts of an equation enclosed in 'Brackets' must be solved first, and in the bracket,
Step-2: Any mathematical 'Of' or 'Exponent' must be solved next,
Step-3: Next, the parts of the equation that contain 'Division' and 'Multiplication' are calculated,
Step-4: Last but not least, the parts of the equation that contain 'Addition' and 'Subtraction' should be calculated
55% of 600 - ? = 8 × 180 ÷ 9
⇒ 330 - ? = 8 × 20
⇒ 330 - ? = 160
⇒ ? = 330 - 160
∴ ? = 170

Q36 Text Solution:
The given equation can be written as:
$29 \times 5 + \frac{?}{100} \times 250 = 13 \times 15$
=> $145 + \frac{?}{10} \times 25 = 195$
=> $25 \times ? = 1950 - 1450$
=> $25 \times ? = 500$
=> ? = 20

Q37 Text Solution:
We note that
$25\% = \frac{1}{4},\ 80\% = \frac{4}{5},\ 12.5\% = \frac{1}{8}$
So,
$? = \left(100 \times \frac{1}{4}\right) + \left(155 \times \frac{4}{5}\right) + \left(112 \times \frac{1}{8}\right)$
$= \left(4 \times 25\right) \times \left(\frac{1}{4}\right) + \left(5 \times 31\right) \times \left(\frac{4}{5}\right)$
$+ \left(8 \times 14\right) \times \left(\frac{1}{8}\right)$
$= \left(1 \times 25\right) + \left(4 \times 31\right) + \left(1 \times 14\right)$
$= 163$

Q38 Text Solution:
$\sqrt{484} + 120 \text{ of } 120 \div 60 \text{ of } 30 = ?$
$22 + \left(120 \times 120\right) \div \left(60 \times 30\right) = ?$
$? = 22 + 8$
$? = 30$
Hence, option 1.

Q39 Text Solution:
$\frac{1600}{?} \times \frac{1}{5} = 8501 - 8500 = 1$
$? = \frac{1600}{5} = 320$

Q40 Text Solution:
170 x 12 = ? - 150 x 3
? = 170 × 12 + 150 × 3
? = 2040 + 450
? = 2490

Q41 Text Solution:
$10^2 + 18^2 + 12 \times 5 = ?^2$
100 + 324 + 60 = $?^2$
$?^2$ = 484
? = 22

Q42 Text Solution:
$14.28\% \times 420 + 28.56\% \times 420 + 120 = ?$
$\frac{1}{7} \times 420 + \frac{2}{7} \times 420 + 120 = ?$
$60 + 120 + 120 = ?$
$? = 300$

Q43 Text Solution:
Pattern of the series is as follows :

$$250 - (15 \times 1) = 235$$
$$235 - (15 \times 2) = 205$$
$$205 - (15 \times 3) = 160$$
$$160 - (15 \times 4) = 100$$
$$100 - (15 \times 5) = 25$$

Q44 Text Solution:
the series is, 13, 17, 19, 23, 29 difference of consecutive prime numbers.
330, 343, 360, 379, 402, ?
13 17 19 23 29
? = 402 + 29 = 431

Q45 Text Solution:
6 × 0.5 = 3
3 × 1 = 3
3 × 2 = 6

$6 \times 4 = 24$

$24 \times 8 = 192$

Hence, the answer is 192.

Q46. Text Solution:

Laptops sold in January = 72

mobiles sold in January = 108

ATQ,

% = $\frac{108-72}{108} \times 100$

% = 33.33

Q47. Text Solution:

total number of electronic items sold in February= 75+ 117+ 96 = 273

total number of mobiles sold in all three months = 108 + 117 + 132 = 357

ATQ,

Ratio = 273 : 357

= 13 : 17

Q48. Text Solution:

In April, the total number of laptops sold is = $75 \times \frac{120}{100}$ =90

In April , total number of mobile phones sold = $132 \times \frac{100}{75}$ =176

ATQ,

cameras sold in April= (102+132+135) - (90 + 176)

= 103

Q49. Text Solution:

mobiles sold in January and February together are = 108 + 117 = 225

cameras sold in February and March together = 81+ 135 = 216

more or less from each other = 225 - 216 = 9

Q50. Text Solution:

the average number of electronic items sold in February = $\frac{75+117+81}{3} = 91$

the average number of electronic items sold in March = $\frac{102+132+135}{3} = \frac{369}{3} = 123$

Difference between them = 123 - 91 = 32

Q51 Text Solution:

Let the speed of the boat be x km/hr & Speed of the stream be y km/hr.

So; y = 16 km/hr

Downstream speed $= x + y$

Upstream speed $= x - y$

ATP;

$\frac{x+y}{x-y} = 4 : 2$

$=> 2x + 2y = 4x - 4y$

$=> 2x = 6y$

$=> x = 3y = 3(16) = 48\ km/hr$

Therefore; time taken to cover 480 km

$= \frac{480}{48} = 10\ hr$

Q52 Text Solution:

Let the ages of Ankit and Rohit five years ago, be 8x and 5x respectively.

According to the question,

$\frac{8+12x}{5+12x} = \frac{11}{8}$

$64x + 96 = 55x + 132$

$64x - 55x = 132 - 96$

$x = \frac{36}{9} = 4$

Ankit's present age $= 8x + 5 = 37$years

Rohit's present age = 5x + 5 = 25 years

Required percent = $\frac{37-25}{25}$ × 100 = 48%

Option '48%' is the correct answer.

Q53 Text Solution:

CI – SI = $P(R \div 100)^2$

1.25 = $P\left(\frac{10}{100}\right)^2$

P = 1.25 × 100 = Rs. 125

Q54 Text Solution:

LCM(30,40,24) $= 120$

Let total work to be done be 120 units.

Work done by P +Q in 1 day $= \frac{120}{30} = 4\ units$

Work done by Q+R in 1 day $= \frac{120}{40} = 3\ units$

Work done by P+R in 1 day $= \frac{120}{24} = 5\ units$

So; work done by (P+Q+R) in 1 days

$= \frac{(4+3+5)}{2} = 6\ units$

So; work done by R in 1 day

$= 6 - 4 = 2\ units$

Similarly for P = 3 units & Q $= 1\ units$

Time take by $P = \frac{120}{3} = 40\ days$

Similarly; $Q = 120\ days\ \&\ R = 60\ days$

Q55 Text Solution:

Average speed = 607 + 506 + 67.527 + 6 + 2 = 855/15 = 57 km/h

Q56 Text Solution:

Let Sahil's's income and expenditure are 5x and 2x respectively.

Now, income of Sahil's = 6x

Sahil's's expenditure = 2x × $\frac{125}{100} = 2.5x$

Now, saving = 6x − 2.5x =3.5x

Required answer = $\frac{3.5x-3x}{3x} \times 100 = 16\left(\frac{2}{3}\right)\%$

Q57 Text Solution:

Let C.P. of each article = Rs. y

S.P. of y articles = Rs. 30

Profit = Rs. (30 - y)

Now, use profit% formula,

$Profit\% = \frac{\text{Proft}}{\text{CP}} \times 100$

$\Rightarrow 25 = \frac{30-y}{y} \times 100$

$\Rightarrow 25y = 3000 - 100y$

$\Rightarrow 125y = 3000$

$\Rightarrow y = \frac{3000}{125}$

$\Rightarrow y = 24$

Hence, the correct option is 24.

Q58 Text Solution:

Ratio of their investment =

$32400 \times 12 : 48600 \times 12$

$: 37800 \times 3 = 24 : 36 : 7$

C's share of profit = $\frac{67000\times7}{(24+36+7)}$ = Rs.7000

Q59 Text Solution:

Let the length of the train be x meters and its speed by y m/sec.

And time =10 second

We know that,

Speed = $\frac{\text{distance}}{\text{time}}$

Put the values,

$y = \frac{x}{10}$

With platform,new length =x+150m and time =20 sec

By using speed formula ,Them we get

$\frac{x+150}{20} = \frac{x}{10}$

=> 10(x + 150) = 20x

=> 10x + 1500 = 20x

=>20x-10x=1500

=>10x=1500

=>x=150 meters.

Hence, the correct option is 150 meters.

Q60 Text Solution:

Average = $\frac{\text{Total runs}}{\text{no. of innings}}$ = 35

So, total = Average × no.of innings = 35 x 8 = 280.

Now increase in avg = 4 runs. So, new avg = 35 + 4 = 39 runs

Total runs = new avg x new no. of innings = 39 × 9 = 351

Runs made in the 9th inning = 351 – 280 = 71 runs

∴ The answer is 71 runs.

Q61 Text Solution:

number of tickets sold by website 'B' on Tuesday=160

number of tickets sold by website 'A' on Thursday=240

ratio =$\frac{160}{240}$

=$\frac{2}{3}$

= 2:3

Q62 Text Solution:

Go-kart tickets at website 'A' is Rs. 100 per 6 tickets

6 tickets=100 Rs

1 tickets=$\frac{100}{6}$

wednesday(A)=180

180 tickets=$\frac{100}{6} \times 180 = 3000$

Go-kart tickets at website 'B' is Rs. 100 per 5 tickets

5 tickets= Rs 100

1 tickets=$\frac{100}{5}$

wednesday(B)=200
200 tickets=$\frac{100}{5} \times 200$
=4000
difference between revenue generated by both websites on Wednesday by selling Go-kart tickets
=4000-3000
=1000

Q63 Text Solution:
the average number of tickets sold by website 'B' on Monday, Wednesday and Thursday
=$\frac{180+200+280}{3}$
=220

Q64 Text Solution:
total number of Go-kart tickets sold by given two websites together on Thursday
=240+280
=520
total number of Go-kart tickets sold by given two websites together on sunday
=$520 \times \frac{140}{100}$
=728

Q65 Text Solution:
the number of tickets sold by website 'A' on Monday and Wednesday together
=120+180
=300

Q66. Text Solution:
Four persons were born between U and V who was born in the month having an odd number of days.
We get three possible cases: -

Months	**Dates**	**Persons Case 1**	**Persons Case 2**	**Persons Case 3**
March	6	V		U
	25		V	
April	6			
	25			
May	6			
	25	U		V
June	6		U	
	25			

Two persons were born between U and W. No one was born between W and T. The number of persons born before T is the same as the number of persons born after P. Case 3 cancelled here. P was born before U.

Months	**Dates**	**Persons Case 1**	**Persons Case 2**
March	6	V	
	25		V
April	6	W	T
	25	T	W
May	6	P	
	25	U	P
June	6		U
	25		

R was born just after Q. Case 2 gets cancelled here.

Months	**Dates**	**Persons Case 1**
March	6	V
	25	
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

S is one of the persons, so the final arrangement is: -

Months	**Dates**	**Persons**
March	6	V

	25	S
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

Q67. Text Solution:

Four persons were born between U and V who was born in the month having an odd number of days.

We get three possible cases: -

Months	Dates	Persons	Persons	Persons
		Case 1	Case 2	Case 3
March	6	V		U
	25		V	
April	6			
	25			
May	6			
	25	U		V
June	6		U	
	25			

Two persons were born between U and W. No one was born between W and T. The number of persons born before T is the same as the number of persons born after P. Case 3 cancelled here. P was born before U.

Months	Dates	Persons	Persons
		Case 1	Case 2
March	6	V	
	25		V
April	6	W	T
	25	T	W
May	6	P	
	25	U	P
June	6		U
	25		

R was born just after Q. Case 2 gets cancelled here.

Months	Dates	Persons
		Case 1
March	6	V
	25	
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

S is one of the persons, so the final arrangement is: -

Months	Dates	Persons
March	6	V
	25	S
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

Q68. Text Solution:

Four persons were born between U and V who was born in the month having an odd number of days.

We get three possible cases: -

Months	Dates	Persons	Persons	Persons
		Case 1	Case 2	Case 3
March	6	V		U
	25		V	
April	6			
	25			
May	6			

	25	U		V
June	6		U	
	25			

Two persons were born between U and W. No one was born between W and T. The number of persons born before T is the same as the number of persons born after P. Case 3 cancelled here. P was born before U.

Months	Dates	Persons Case 1	Persons Case 2
March	6	V	
	25		V
April	6	W	T
	25	T	W
May	6	P	
	25	U	P
June	6		U
	25		

R was born just after Q. Case 2 gets cancelled here.

Months	Dates	Persons Case 1
March	6	V
	25	
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

S is one of the persons, so the final arrangement is: -

Months	Dates	Persons
March	6	V
	25	S
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

Q69. Text Solution:

Four persons were born between U and V who was born in the month having an odd number of days.

We get three possible cases: -

Months	Dates	Persons Case 1	Persons Case 2	Persons Case 3
March	6	V		U
	25		V	
April	6			
	25			
May	6			
	25	U		V
June	6		U	
	25			

Two persons were born between U and W. No one was born between W and T. The number of persons born before T is the same as the number of persons born after P. Case 3 cancelled here. P was born before U.

Months	Dates	Persons Case 1	Persons Case 2
March	6	V	
	25		V
April	6	W	T
	25	T	W
May	6	P	
	25	U	P
June	6		U
	25		

R was born just after Q. Case 2 gets cancelled here.

Months	Dates	Persons

		Case 1
March	6	V
	25	
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

S is one of the persons, so the final arrangement is: -

Months	Dates	Persons
March	6	V
	25	S
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

Q70. Text Solution:

Four persons were born between U and V who was born in the month having an odd number of days.

We get three possible cases: -

Months	Dates	Persons	Persons	Persons
		Case 1	Case 2	Case 3
March	6	V		U
	25		V	
April	6			
	25			
May	6			
	25	U		V
June	6		U	
	25			

Two persons were born between U and W. No one was born between W and T. The number of persons born before T is the same as the number of persons born after P. Case 3 cancelled here. P was born before U.

Months	Dates	Persons	Persons
		Case 1	Case 2
March	6	V	
	25		V
April	6	W	T
	25	T	W
May	6	P	
	25	U	P
June	6		U
	25		

R was born just after Q. Case 2 gets cancelled here.

Months	Dates	Persons
		Case 1
March	6	V
	25	
April	6	W
	25	T
May	6	P
	25	U
June	6	Q
	25	R

S is one of the persons, so the final arrangement is: -

Months	Dates	Persons
March	6	V
	25	S
April	6	W
	25	T
May	6	P
	25	U
June	6	Q

	25	R

Q71 Text Solution:

Solution -

Conclusion 1: T ≥ B It is not true.

In the statement relation between T and B is B < N = U > R ≤ T, here opposite symbols are present between T and B, so T ≥ B is not true.

Conclusion 2: B > T It is not true.

In the statement relation between T and B is B < N = U > R ≤ T, here opposite symbols are present between T and B, so B > T is not true.

But here Either or case occurs.

Q72 Text Solution:

Solution -

Conclusion 1: S ≤ R It is true.

In the statement relation between S and R is R = K ≥ F ≥ S this, here common symbol ≥ is present so, R ≥ S it is true.

Conclusion 2: F > A It is true.

In the statement relation between F and A is A < Q < S ≤ F this, here common symbol < is present so, F > A it is true.

Q73 Text Solution:

Solution -

Conclusion 1: J ≥ H It is not true.

In the statement relation between J and H is H ≥ I > Z ≥ K < J this here opposite symbols are present between J and H, so J ≥ H it is not true.

Conclusion 2: K < Y It is true.

In the statement relation between K and G is K ≤ Z < I ≤ H = G < Y this, here common symbol < is present so, K < Y it is true.

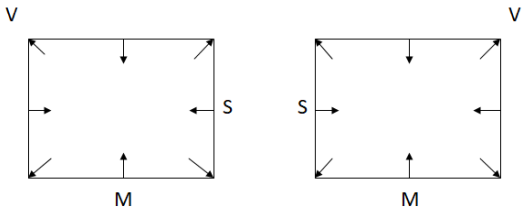
Q74 Text Solution:

1) One person sits between S and M.

2) M does not sit at the corner and is not a neighbor of V.

3) Two people sit between V and S.

Case 1 Case 2



4) T sits second to the right of V.

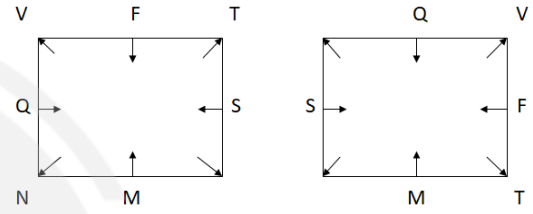
5) Two people sit between Q and T.

6) One person sits between Q and F.

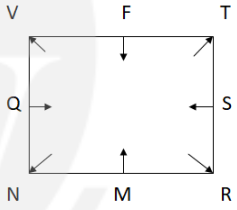
7) S is not a neighbor of N.

(Here, case 2 will be eliminated)

Case 1 Case 2



8) F and R are not neighbors.



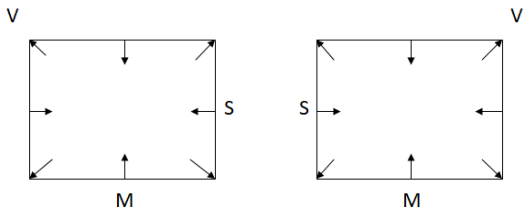
Q75 Text Solution:

1) One person sits between S and M.

2) M does not sit at the corner and is not a neighbor of V.

3) Two people sit between V and S.

Case 1 Case 2



4) T sits second to the right of V.

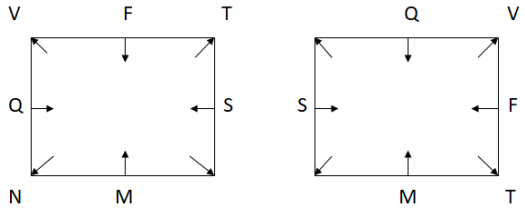
5) Two people sit between Q and T.

6) One person sits between Q and F.

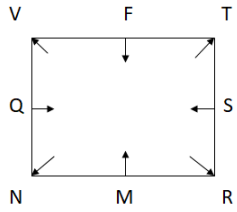
7) S is not a neighbor of N.

(Here, case 2 will be eliminated)

Case 1 Case 2



8) F and R are not neighbors.



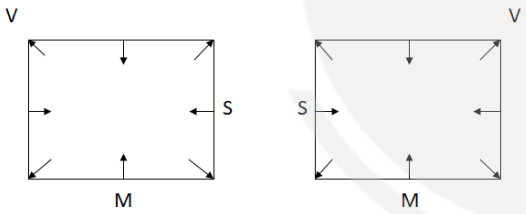
Q76 Text Solution:

1) One person sits between S and M.

2) M does not sit at the corner and is not a neighbor of V.

3) Two people sit between V and S.

Case 1 Case 2



4) T sits second to the right of V.

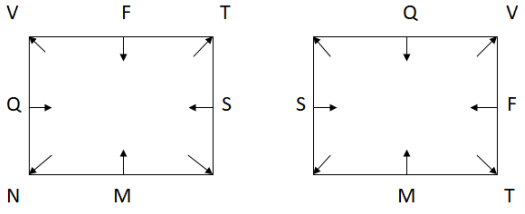
5) Two people sit between Q and T.

6) One person sits between Q and F.

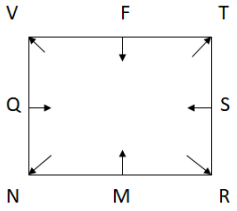
7) S is not a neighbor of N.

(Here, case 2 will be eliminated)

Case 1 Case 2



8) F and R are not neighbors.



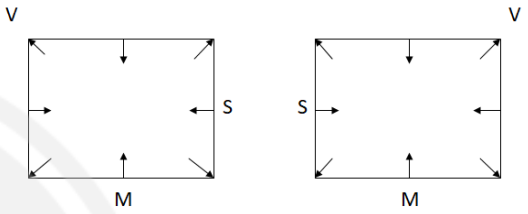
Q77 Text Solution:

1) One person sits between S and M.

2) M does not sit at the corner and is not a neighbor of V.

3) Two people sit between V and S.

Case 1 Case 2



4) T sits second to the right of V.

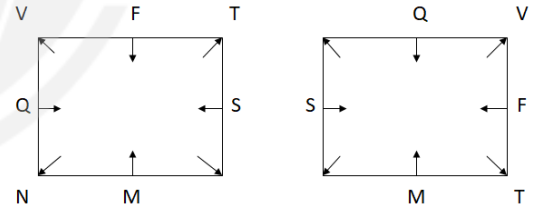
5) Two people sit between Q and T.

6) One person sits between Q and F.

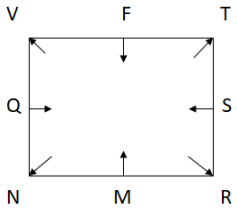
7) S is not a neighbor of N.

(Here, case 2 will be eliminated)

Case 1 Case 2



8) F and R are not neighbors.

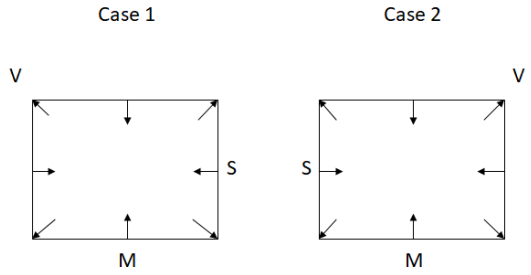


Q78 Text Solution:

1) One person sits between S and M.

2) M does not sit at the corner and is not a neighbor of V.

3) Two people sit between V and S.



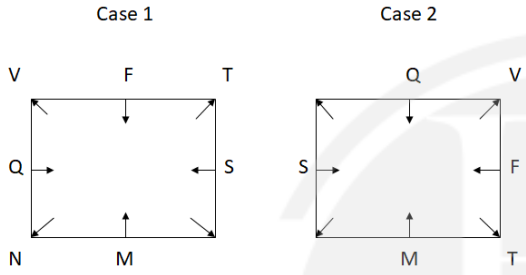
4) T sits second to the right of V.

5) Two people sit between Q and T.

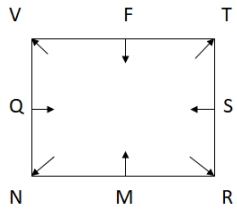
6) One person sits between Q and F.

7) S is not a neighbor of N.

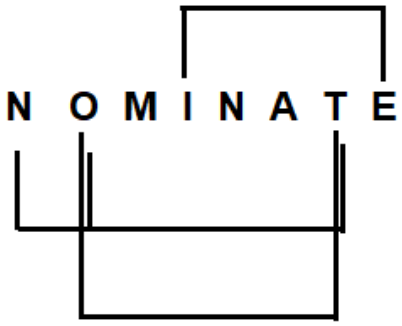
(Here, case 2 will be eliminated)



8) F and R are not neighbors.

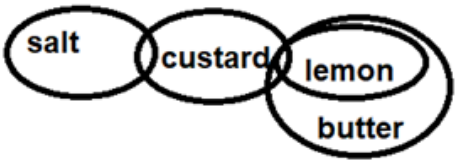


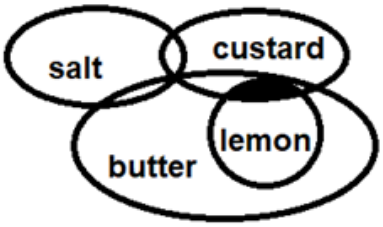
Q79 Text Solution:



NO, NT, OT, EI

Q80 Text Solution:

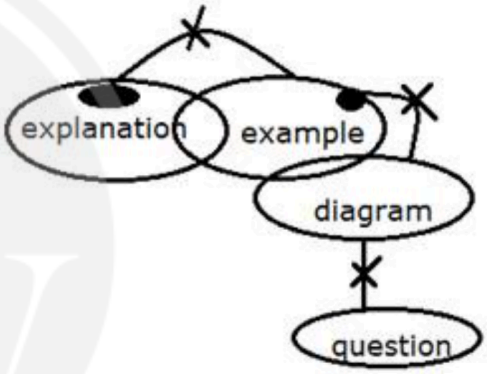




Only conclusion II follows so option D is correct

Q81 Text Solution:

The least Venn diagram:



Conclusions:

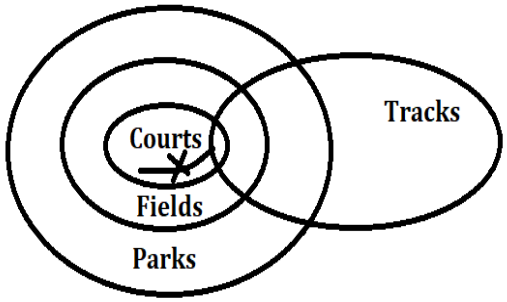
I. Some examples are questions: There is no definite relation between example and question. So, conclusion I is false.

II. All diagrams are explanation is a possibility: All diagram can be example and all example can be explanation. So, conclusion II is true.

Thus, only conclusion II follows.

Q82 Text Solution:

The least Venn diagram:



Conclusions:

I. No courts are parks - All courts are parks. So, it is false.

II. Some parks are tracks - It is true.

Thus, only conclusion II follows.

Q83 Text Solution:

The least possible Venn diagram for the given statements is as shown below :-



Conclusion I: "Some birds are bottles."

This conclusion is true. Since some bottles are jungles, and all jungles are birds, it implies that some birds are also bottles.

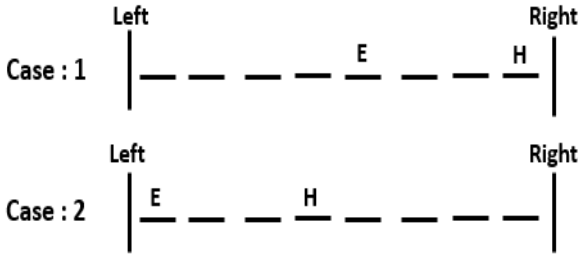
Conclusion II: "All bottles are birds."

This conclusion is not necessarily true based on the given statements. The statement only establishes a partial relationship between bottles and birds, so we cannot conclude that all bottles are birds.

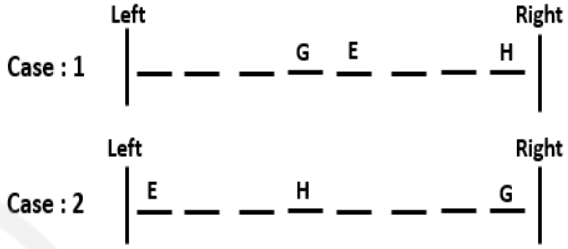
Hence, the correct answer is **"only conclusion I follows".**

Q84 Text Solution:

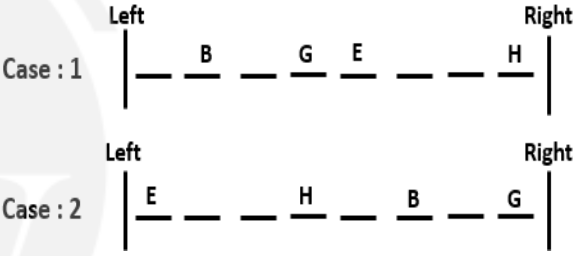
E sits third to the left of H, either E or H sit at an extreme end of the row.



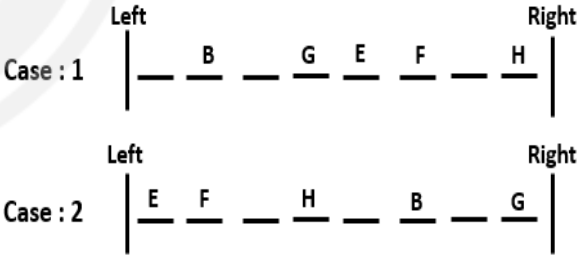
The number of people sitting to the left of E is the same as the number of people sitting to the right of G.



B sits second to the left of G.

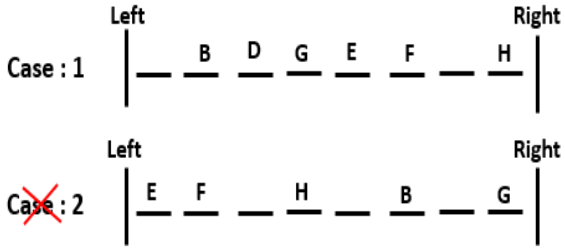


There are three people sitting between B and F.

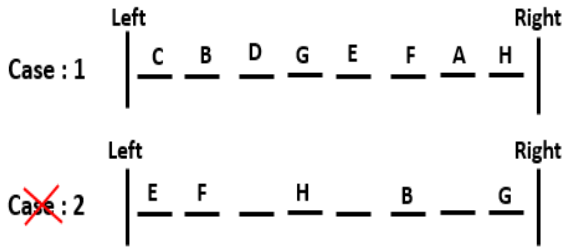


D sits to the left of F but does not sit at any of the extreme ends of the row.

Case 2: is eliminated.

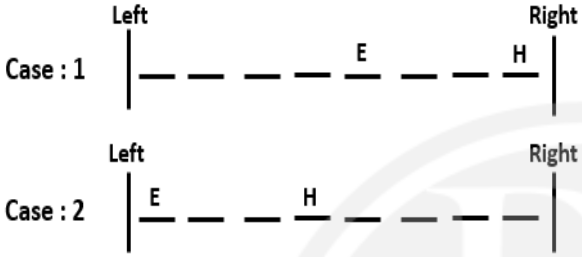


C sits to the left of A.



Q85 Text Solution:

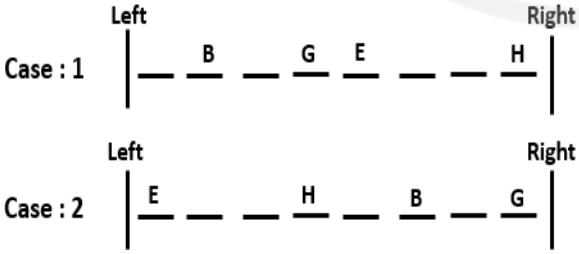
E sits third to the left of H, either E or H sit at an extreme end of the row.



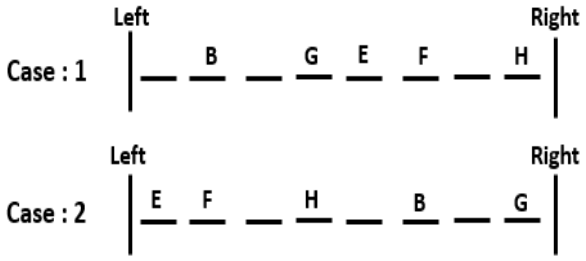
The number of people sitting to the left of E is the same as the number of people sitting to the right of G.



B sits second to the left of G.

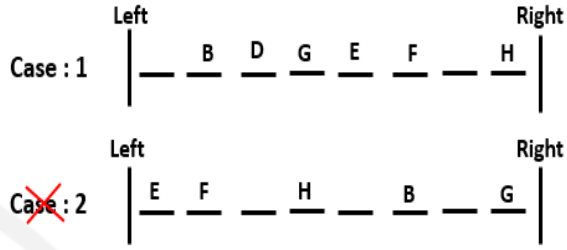


There are three people sitting between B and F.

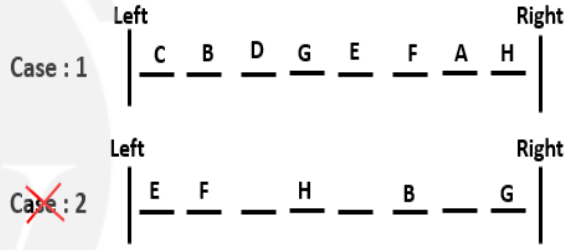


D sits to the left of F but does not sit at any of the extreme ends of the row.

Case 2: is eliminated.

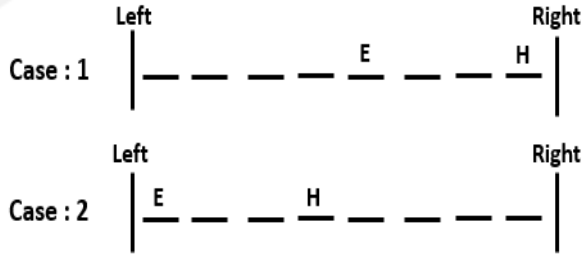


C sits to the left of A.



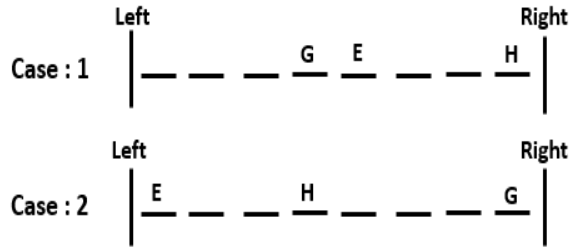
Q86 Text Solution:

E sits third to the left of H, either E or H sit at an extreme end of the row.

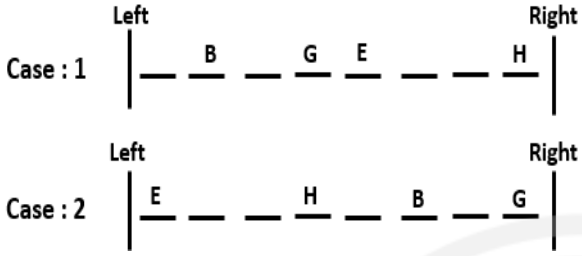


The number of people sitting to the left of E is the same as the number of people sitting to the

right of G.



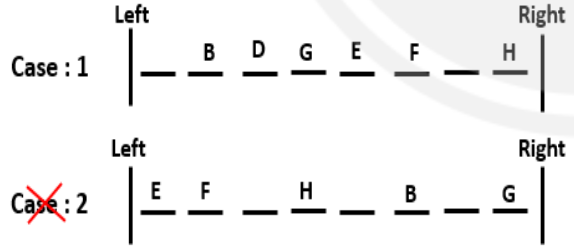
B sits second to the left of G.



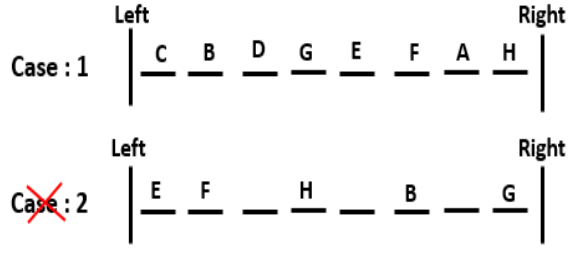
There are three people sitting between B and F.



D sits to the left of F but does not sit at any of the extreme ends of the row.
Case 2: is eliminated.

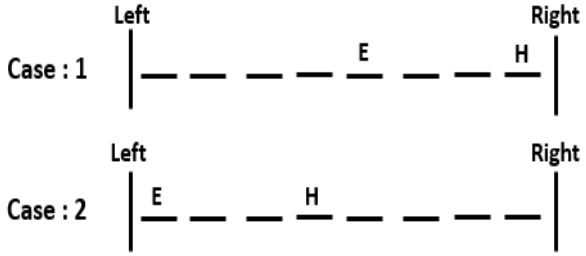


C sits to the left of A.

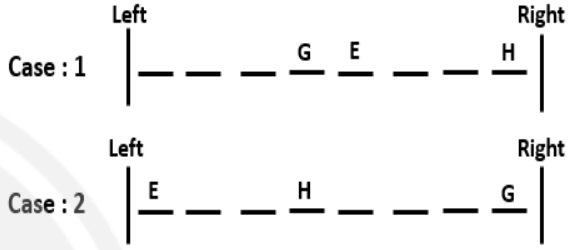


Q87 Text Solution:

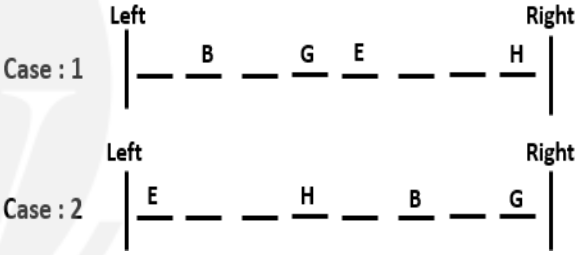
E sits third to the left of H, either E or H sit at an extreme end of the row.



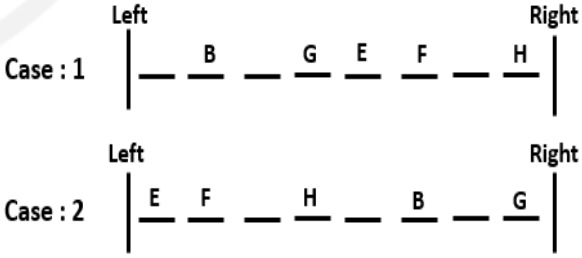
The number of people sitting to the left of E is the same as the number of people sitting to the right of G.



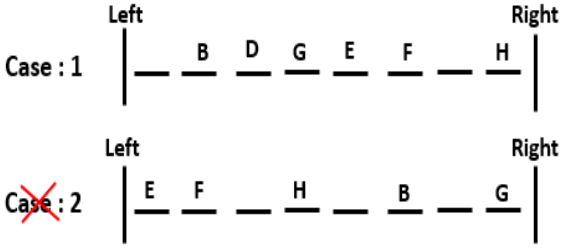
B sits second to the left of G.



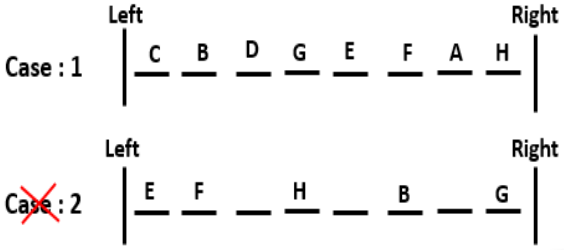
There are three people sitting between B and F.



D sits to the left of F but does not sit at any of the extreme ends of the row.
Case 2: is eliminated.

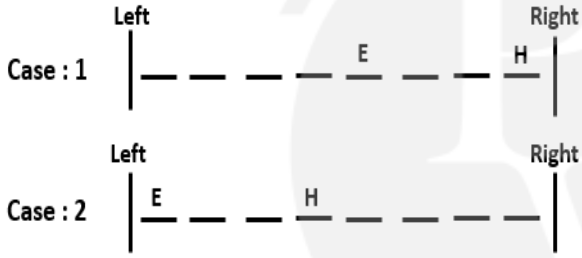


C sits to the left of A.

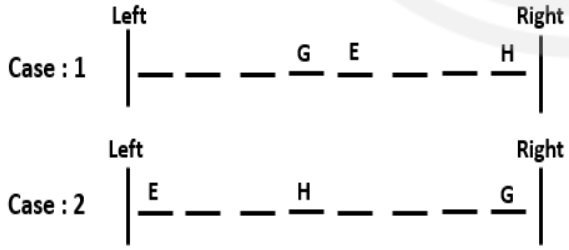


Q88 Text Solution:

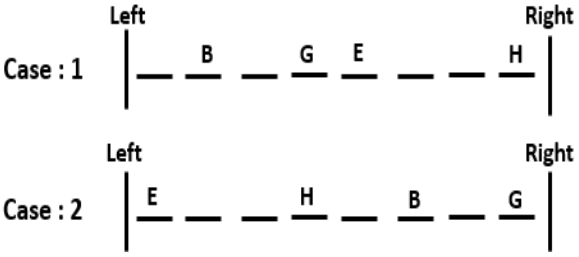
E sits third to the left of H, either E or H sit at an extreme end of the row.



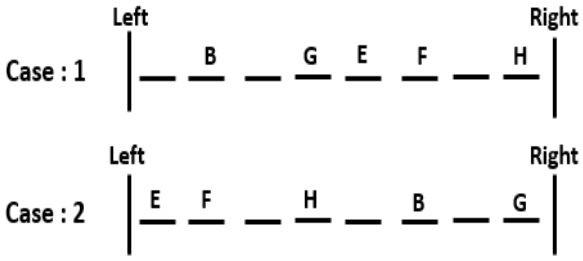
The number of people sitting to the left of E is the same as the number of people sitting to the right of G.



B sits second to the left of G.

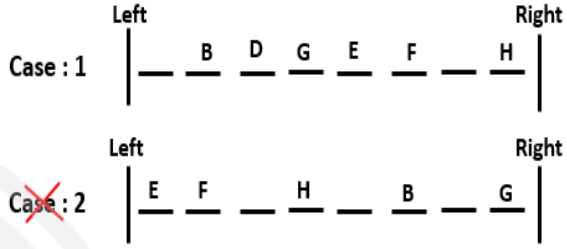


There are three people sitting between B and F.

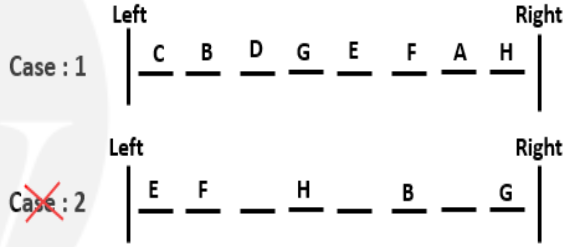


D sits to the left of F but does not sit at any of the extreme ends of the row.

Case 2: is eliminated.



C sits to the left of A.

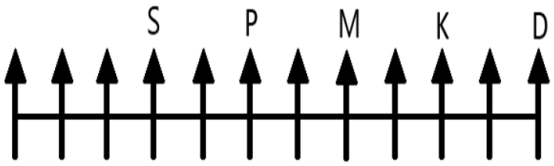


Q89 Text Solution:

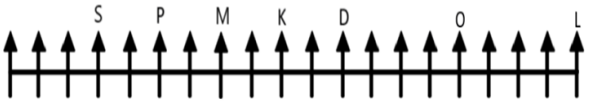
Letters are- D, A, E, R Meaningful words will be Dear, Dare, Read.

Q90 Text Solution:

- S is seated fourth from the left end
- M is fourth to the right of S
- P sits exactly between S and M
- Three people are seated between M and D
- K is seated second to the right of M



- Three people are seated between D and O
- O is seated fourth to the left of L



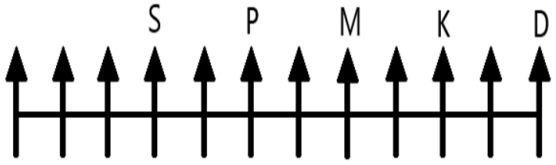
- L is seated second to the left of G
- No one is seated to the right of G
- E is seated exactly between K and D
- A is sitting at the one of the extreme ends of the row



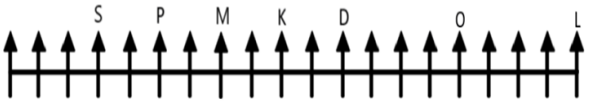
This is the final arrangement.

Q91 Text Solution:

- S is seated fourth from the left end
- M is fourth to the right of S
- P sits exactly between S and M
- Three people are seated between M and D
- K is seated second to the right of M



- Three people are seated between D and O
- O is seated fourth to the left of L



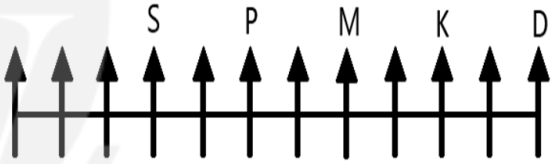
- L is seated second to the left of G
- No one is seated to the right of G
- E is seated exactly between K and D
- A is sitting at the one of the extreme ends of the row



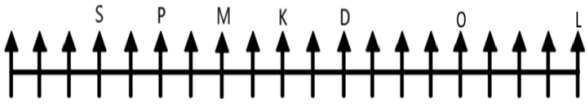
This is the final arrangement.

Q92 Text Solution:

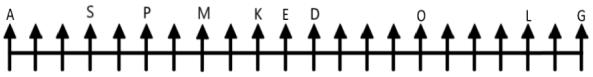
- S is seated fourth from the left end
- M is fourth to the right of S
- P sits exactly between S and M
- Three people are seated between M and D
- K is seated second to the right of M



- Three people are seated between D and O
- O is seated forth to the left of L



- L is seated second to the left of G
- No one is seated to the right of G
- E is seated exactly between K and D
- A is sitting at the one of the extreme ends of the row



This is the final arrangement.

Q93 Text Solution:

Descending order is,
863, 752, 872, 954, 875
The smallest number is 752; the largest number is 954
∴ Required difference is, 5 – 4 =1
Answer is: a)

Q94 Text Solution:

863 -> 8+6 = 14
725 -> 7+2 =9
278 -> 2+7=9
549-> 5+4 =9
875 ->8+7 =15
Hence, the answer is 863
Answer is: e)

Q95 Text Solution:

863 -> 368
725 -> 527
278 -> 872
549 -> 945
875 -> 578
∴ The second smallest number is 527
Hence, required difference is 7 – 5 = 2
Answer is: D

Q96 Text Solution:

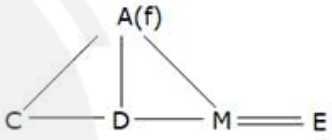
863 -> 963 ->693
725 -> 825 -> 285
278 -> 378 -> 738
549 ->649 -> 469
875-> 975 -> 795
The second highest number is 738
∴ the third digit of 738 is '8'
Answer is: c)

Q97 Text Solution:

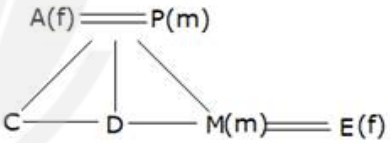
863 725 278 549 875
Series formed after '1' is subtracted from all the even digits and '2' is subtracted from all the odd digits
751 513 157 337 753
Ascending order of the given numbers is,
157, 337, 513, 751, 753
Hence, the second largest number is 751
∴ Corresponding number is 863
Answer: a)

Q98 Text Solution:

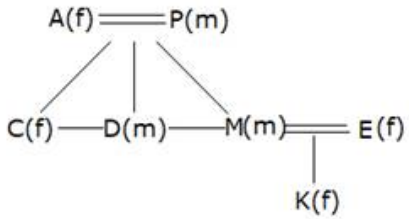
1. In a family of seven members spanned across three generations, each married couple has one daughter.
2. C and D are only siblings of M, who is married to E.
3. A is the mother of C.



4. E, who is the sister-in-law of D, is the daughter-in-law of P.

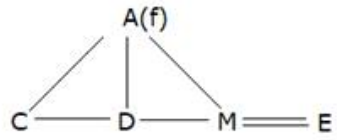


5. D is not the aunt of K.
6. K is the granddaughter of P.
7. Each married couple has one daughter. So, K is the daughter of E.
8. Thus, the final arrangement is:

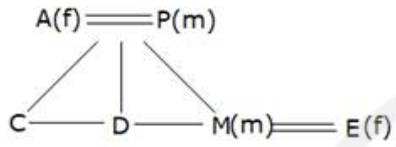


Q99 Text Solution:

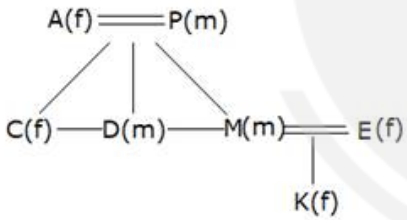
1. In a family of seven members spanned across three generations, each married couple has one daughter.
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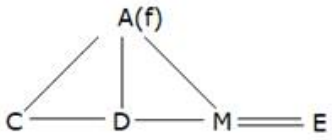


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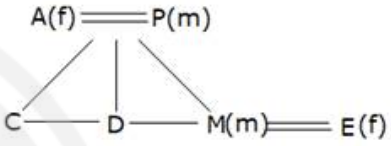


Q100 Text Solution:

1. In a family of seven members spanned across three generations, each married couple has one daughter.
2. C and D are only siblings of M, who is married to E.
3. A is the mother of C.



4. E, who is the sister-in-law of D, is the daughter-in-law of P.



5. D is not the aunt of K.
6. K is the granddaughter of P.
7. Each married couple has one daughter. So, K is the daughter of E.
8. Thus, the final arrangement is:

