

Sample Paper for IOB LBO

Directions (1-4): Read the given information carefully and answer the related questions:

Nine persons sit around a triangular table such that all of them face towards the centre of the table. Each person has different professions- Doctor, Singer, Banker, Engineer, Lawyer, Teacher, Actor, Nurse and Pharmacist but not in the same order. One person each, sits at the corner of the table and two persons each, sit at the middle of sides of the table.

D sits two persons away from C but doesn't sit at the corner of the table. The one who is singer sits immediate right of D. C doesn't sit adjacent to the one who is singer. Only two persons sit between the one who is Singer and the one who is Lawyer. I sits second to the right of the one who is Lawyer. B and H sit on the same side of the table. The one who is Actor sits immediate right of H. The one who is Pharmacist sits two persons away from the one who is Actor. As many persons sit between the one who is actor and the one who is pharmacist as between the one who is Engineer and the one who is singer. A and F sit adjacent to each other. The one who is banker sits immediate left of A. Only one person sits between A and G who is teacher. E sits next to the one who is nurse.

Q1. How many persons sit between F and C when counted from the right of F?

- (a) Three
- (b) Two
- (c) Four
- (d) Five
- (e) Six

Q2. Which among the following statement(s) is/are true?

- I. E sits at the corner of the table.
 - II. The one who is doctor sits second to the left of the one who is Banker.
 - III. G and the one who is Banker sit adjacent to each other.
- (a) Only I
 - (b) Both I and III
 - (c) Only III
 - (d) Both II and III
 - (e) All I, II and III

Q3. Which among the following combination is/are correct?

- (a) C-Pharmacist
- (b) I- Nurse
- (c) H- Lawyer
- (d) F-Doctor
- (e) All are correct

Q4. Four of the following five are similar in a certain pattern and related to a group, who among the following is dissimilar to others?

- (a) The one who sits immediate right of G
- (b) The one who is Engineer
- (c) The one who sits second to the left of I
- (d) The one who is Actor
- (e) The one who is singer

Directions (5-7): Read the given information carefully and answer the related questions:

Payal starts walking from her home in north direction and reaches at A after walking 17m. Now she takes two consecutive right turns of 11m and 8m to reach at D and B respectively. From B she takes a left turn and walks 2m more than her just previous distance and reaches at F. Now she takes two consecutive right turns, and first walks the distance which is 2m more than her just previous distance and then 7m to reach at C and E respectively. From E she turns left and walks some distance which is half of the distance between D and B and reaches at library.

Palak starts walking from her home in the south direction after walking 2m she reaches at I. From I she takes a right turn and walks 4 times of her previous distance and reaches at G. From G she walks the same distance as distance between E and Library in south direction and reaches at K. From K she takes a right turn and walks 18m to reach at J. From J she takes right turn and walks the distance equivalent to two-digit lowest number and reaches at L. From L she takes a right turn and walks 11m and reaches at H. From H she takes left and walks 9m to reach Library. G is south of C.

Q5. What is the total distance from F to G?

- (a) 85m
- (b) 69m
- (c) 71m
- (d) 75m
- (e) 88m

Q6. Four of the following five are similar in a certain pattern and related to a group, which among the following is dissimilar to others?

- (a) AB
- (b) EG
- (c) LK
- (d) CI
- (e) Library-J

Q7. What is the shortest distance between C and L?

- (a) $\sqrt{432}$ m
- (b) 493m
- (c) $\sqrt{493}$ m
- (d) 231m
- (e) $\sqrt{321}$ m

Directions (8-12): A word and number rearrangement machine, rearranges given input into output following a certain rule. Study the following information carefully and answer the below questions.

Input: 523 Invoice 424 Breaking 923 Visiting 632 Monitor 839 Crawling

Step I: 239 523 Invoice 424 Visiting 632 Monitor 839 Crawling csfbljoh

Step II: 239 389 523 Invoice 424 Visiting 632 Monitor csfbljoh dsbxmjoh

Step III: 239 389 236 523 424 Visiting Monitor csfbljoh dsbxmjoh hmunhbd

Step IV: 239 389 236 235 424 Visiting csfbljoh dsbxmjoh hmunhbd lnmhsnq

Step V: 239 389 236 235 244 csfbljoh dsbxmjoh hmunhbd lnmhsnq wjtjujoh

Step V is the final output of the given input. From the above given step-by-step result, find the output for the below-given input.

Input: 753 Visibility 483 Limited 845 Polarity 362 Kingdom 612 Original

Q8. What is the difference between the numbers which are second and fifth from the left end respectively in step V?

- (a) 261
- (b) 121
- (c) 132
- (d) 143
- (e) 223

Q9. Which of the following element is seventh from the left end in step III?

- (a) jhmfcnl
- (b) Polarity
- (c) khllhscd
- (d) 362
- (e) None of these

Q10. What is the sum of the second-lowest number in step III and second-highest number in step IV?

- (a) 889
- (b) 639
- (c) 549
- (d) 719
- (e) 869

Q11. Which among the following element is third to the right of the element which is fourth from the left end in step IV?

- (a) khllhscd
- (b) 348
- (c) psjhjobm
- (d) 458
- (e) jhmfcnl

Q12. What is the product of the digits within the number which is fifth from the left end in step III?

- (a) 24
- (b) 30
- (c) 36
- (d) 42
- (e) 35

Q13. With restaurants affected due to the COVID-19 crisis, a restaurant in Pune has come up with a unique scheme to attract customers with 'Win a Bullet bike' contest for those who finish a massive Bullet Thali within an hour.

Bullet Thali is a massive non-veg thali which consists of around 12 types of dishes made with 4 kgs of mutton and fried fish. The owner is happy that the response has been great and people are visiting to try the thali and participating in this unique contest. As per owner, the hotel sells around 65 Thali daily.

Which of the following can be inferred from the above statement?

- (I) Bullet bike has a huge craze and demand among people in Pune.
- (II) Promotion is only source to make restaurant popular and gain income.
- (III) Non-vegetarians are more in count as compared to Vegetarians in Pune.
- (a) Only II
- (b) Only I and III
- (c) Only I
- (d) Only III
- (e) Only II and III

Directions (14-16): Study the following information carefully and answer the questions given below:

5 \$ S U 3 B @ I F 6 E V # D 2 C % J T 8 Z & 7 + P 9 A β L 4

Step 1: The letters which are immediately preceded by symbols are changed with their opposite letter as per alphabetical series.

Step 2: The letters which are immediate neighbor of a number and a symbol, are arranged alphabetically at the left end of the series.

Step 3: The letters which are the immediate neighbor of a number, are removed from the series.

Step 4: Every number is decreased by 1, then interchange its position with its immediate left element.

Q14. Which of the following letter is 4th to the left of 9th element from the right end, in step 3?

- (a) O
- (b) W
- (c) K
- (d) H
- (e) None of the above

Q15. What is the sum of the numbers which are to the right of '@' in step 4?

- (a) 27
- (b) 29
- (c) 30
- (d) 25
- (e) None of the above

Q16. How many numbers are immediately followed by a symbol, in step 2?

- (a) Two
- (b) Three
- (c) Four
- (d) Five
- (e) More than five

Directions (17-20): In every question, two rows are given and to find out the resultant of a particular row, you need to follow the given conditions:

Condition 1: If an even number is followed by an odd number, then resultant will be the difference of both numbers.

Condition 2: If an odd number is followed by a letter, then resultant will come when greater number is divided by smaller number (consider numerical value of letter).

Condition 3: If a letter is followed by an even number, then resultant will be the sum of number and numerical value of letter.

Condition 4: If an odd number is followed by an even number, then the resultant will be the difference of both the numbers.

Condition 5: If an odd number is followed by another odd number, then the resultant will be the addition of both the numbers.

Condition 6: If an even number is followed by a letter, then the resultant will be the multiplication of the number and the numerical value of letter.

Condition 7: If an even number is followed by another even number, then the resultant will be addition of both the numbers.

Q17. Find the addition of the resultant of both rows.

J 12 K
18 11 17

- (a) 236
- (b) 132
- (c) 189
- (d) 234
- (e) 266

Q18. Find the multiplication of the resultant of both rows.

21 G 20
12 F 33

- (a) 323
- (b) 563
- (c) 663
- (d) 233
- (e) 293

Q19. Find the resultant of first row if \$ is the resultant of second row?

- 81 I \$
 13 17 T
 (a) 271
 (b) 591
 (c) 631
 (d) 444
 (e) 389

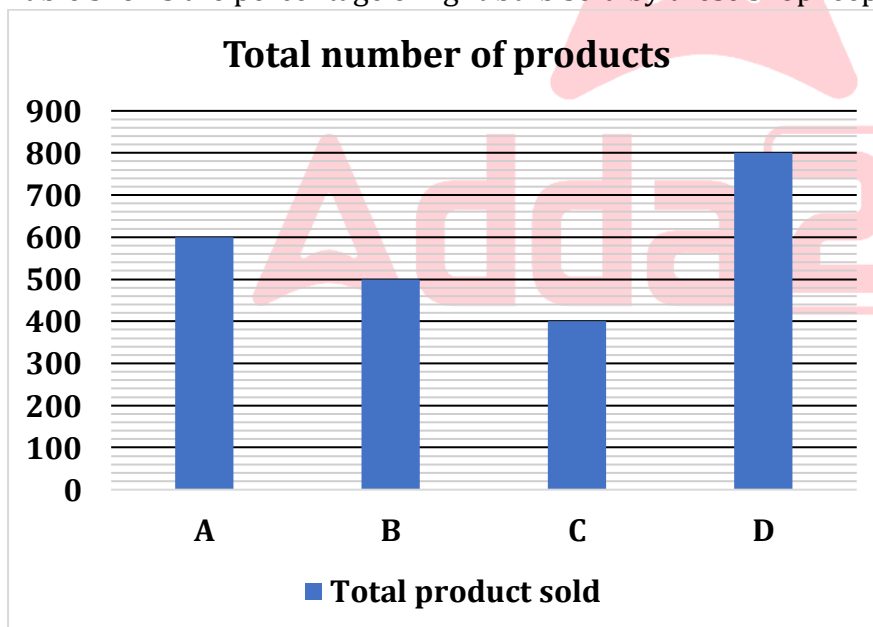
Q20. Find the difference of the resultant of both rows.

- 21 17 D
 P 14 18
 (a) 104
 (b) 114
 (c) 214
 (d) 103
 (e) 121

Direction (21–25): Read the information and answer the following questions.

Bar graph shows that total number of products (firecrackers + light bulbs) sold by four different (A, B, C & D) shopkeepers.

Table shows the percentage of light bulb sold by these shopkeepers.



Shopkeepers	Percentage of light bulb sold
A	48%
B	64%
C	56%
D	72%

Q21. Find the average number of firecrackers sold by B, C and D.

- (a) 580/3
 (b) 280/3
 (c) 580
 (d) 280
 (e) 120

Q22. Find the sum of firecrackers sold by C and D is what percentage less than total product sold by B.

- (a) 30%
- (b) 20%
- (c) 50%
- (d) 28%
- (e) 10%

Q23. The selling price of each light bulb is Rs X and each firecracker is Rs (X – 12). If the revenue generated by C is Rs 5888, then find the value of X.

- (a) 30
- (b) 20
- (c) 50
- (d) 28
- (e) 10

Q24. The ratio of non-working to working light bulbs sold by D and A is 3:1 and 1:5 respectively and total product sold by shopkeeper F is the sum of non-working light bulbs sold by D and A. If the ratio of firecrackers to light bulbs sold by F is 2:1, then find the light bulbs sold by F.

- (a) 300
- (b) 200
- (c) 180
- (d) 160
- (e) 150

Q25. Which of the following shopkeeper sold less than the average number of light bulbs sold by all these shops.

- (a) Both A and D
- (b) Only A
- (c) Both B and C
- (d) Only D
- (e) All A, B and C

Direction (26-28): Find the approximate value of the following questions.

Q26. $74.90\% \text{ of } 360.29 - (19.05 \times 2.8) = ? \times 3.124$

- (a) 71
- (b) 77
- (c) 84
- (d) 89
- (e) 62

Q27. $39.05 \times 14.95 - 27.99 \times 10.12 = (36.01 + ?) \times 4.98$

- (a) 45
- (b) 30
- (c) 40
- (d) 35
- (e) 25

Q28. $(319.98\% \text{ of } 44.99) + (40.03\% \text{ of } 405.03) - (15.87\% \text{ of } 150.13) = ? \times \sqrt[3]{27.03}$

- (a) 78
- (b) 68
- (c) 60
- (d) 90
- (e) 94

Q29. P can do a work in 40 days and the ratio of efficiency of P to that of Q is 4 : 5. Q starts the work and he left the work after 12 days. If the remaining work is completed by R is 30 days, then find in how many days R alone can completed the same work.

- (a) 42 days
- (b) 30 days
- (c) 24 days
- (d) 36 days
- (e) 48 days

Q30. Rakesh spends 25% of his monthly income on food. Out of the remaining income, he spends 20% on rent, Rs 4800 on groceries and he saved Rs 24000. If monthly income of Mukesh is 25% more than that of Rakesh, then find the monthly income of Mukesh.

- (a) 72000 Rs.
- (b) 48000 Rs.
- (c) 60000 Rs.
- (d) 64000 Rs.
- (e) 80000 Rs.

Q31. P and Q are two digit number, while the ratio P to Q is 9 : 13. If we interchange the digits of P, then it becomes 33 less than Q. Find the difference between P and Q.

- (a) 48
- (b) 36
- (c) 12
- (d) 24
- (e) 30

Q32. A vessel contains 240 liters mixture of milk and water in which water is 25%. 80 liters mixture is taken out and X liters milk & 2X liters water is added in the remaining mixture. If in the resultant mixture water becomes 40% of total mixture, then find 2X.

- (a) 30
- (b) 40
- (c) 80
- (d) 60
- (e) 50

Q33. The ratio of speed of a boat in still water to speed of stream is 8 : 1. A boat takes equal time to cover 'x' km downstream and 'y' km upstream. If the difference between distance covered by boat in downstream and upstream is 60 km, then find 'y'.

- (a) 360
- (b) 135
- (c) 270
- (d) 210
- (e) 105

Directions (34-35): In each of these questions, two equations (I) and (II) are given, you have to solve both the equations and give answer.

- (a) $x = y$ or no relation.
- (b) $x < y$
- (c) $x \leq y$
- (d) $x > y$
- (e) $x \geq y$

Q34. I. $(2x + 5)^2 = 2(8 + 4x)$

II. $(4y - 3)^2 + 16 = (2y - 4)^2 + y(8y + 4)$

Q35. I. $2 = \left(\frac{x}{7} + \frac{7}{x}\right)$

II. $\left(\frac{49}{5y} + 5y\right) + 14 = 0$

Q36. Cost price of an article is Rs.'Y+80' and shopkeeper marked up by 50% above its cost price. If shopkeeper allows 20% discount on marked price and earned profit of Rs.40, then find the value of 0.5Y.

- (a) 40
- (b) 60
- (c) 80
- (d) 20
- (e) 110

Q37. A 600 meters long train crosses its two times long bridge in 90 seconds and the same train crosses another train which is moving in opposite direction in 36 seconds. If the speed of second train is 6 km/hr more than first train, then find the length of second train?

- (a) 720 meters
- (b) 640 meters
- (c) 750 meters
- (d) 840 meters
- (e) 900 meters

Q38. The amount invested by a man in scheme B is 50% more than that of in scheme A and scheme A offers simple interest at rate of $x\%$ p.a. for three years. Scheme B offers simple interest at rate of $(x+14)\%$ p.a. for five years. If interest received from scheme A is $\frac{50}{3}\%$ of the interest received from scheme B, then find the value of $(x+2)$.

- (a) 10
- (b) 16
- (c) 15
- (d) 12
- (e) 18

Directions (39-40): There is a wrong number in both series A and B. Find the wrong number and the pattern of the given series and answer the questions given below.

Series A: 79, 81, 87, 111, 234, 951, 5991

Series B: 190, 214, 198, 323, 287, 630, 566

Q39. If X is the correct number of the series A, then find the value of '25% of X'.

- (a) 66.75
- (b) 19.50
- (c) 46.25
- (d) 25.50
- (e) 57.75

Q40. If P is the correct number of the series B, then find which of the statement/s is /are false.

(i) ' $P+3^2$ ' is the perfect square of an even number.

(ii) ' $\frac{P}{11} - 6$ ' is the perfect cube.

(iii) ' $P+5$ ' is the prime number.

- (a) Both (i) and (iii)
- (b) Only (i)
- (c) Only (ii)
- (d) Both (ii) and (iii)
- (e) None of the above

Directions (41-48): Read the passage given below and answer the following questions.

Psychological disorders affect an individual's thoughts, emotions and behavior. They can manifest in various forms, such as anxiety disorders, mood disorders, personality disorders, and psychotic disorders. These disorders have the potential to profoundly affect various aspects of an individual's existence, including their daily routines, interpersonal connections and overall state of well-being. These conditions can disrupt the ability to carry out daily tasks effectively, hinder personal relationships, and impair overall quality of life. It is important to recognize that these disorders are not a result of personal weakness or character flaws but rather complex conditions that require understanding, empathy, and appropriate treatment. Empathy plays a vital role in promoting mental well-being and supporting individuals with psychological disorders. When it comes to psychological disorders, empathy helps to break down barriers and reduce the **isolation** often experienced by those affected.

Mental health professionals, such as psychologists, psychiatrists, and counselors, are trained to diagnose and treat these conditions. The initial step often involves a comprehensive assessment, including interviews, questionnaires, and psychological evaluations, to gather information about the individual's symptoms, history, and circumstances. Based on the diagnosis, a personalized treatment plan can be developed, which may include therapy, medication, or a combination of both. Medication can be prescribed to _____(I)_____ specific symptoms or regulate brain chemistry. Additionally, lifestyle modifications, including exercise, stress management, and support from loved ones, can play a significant role in the treatment and recovery process.

Preventing psychological disorders goes beyond individual treatment. Creating an environment that fosters mental well-being is essential. Society must strive to reduce the **stigma** surrounding mental health, encouraging open conversations and understanding. Education and awareness programs can help to debunk misconceptions and provide accurate information about psychological disorders. It is crucial to provide support networks for individuals experiencing these disorders, such as support groups, helplines, and community resources. Furthermore, prioritizing self-care, practicing stress reduction techniques, maintaining healthy relationships, and nurturing a positive mindset can contribute to overall mental well-being. By working together, we can create a society that values and promotes mental health.

Q41. What are the different forms of psychological disorders that can affect an individual's thoughts, emotions, and behavior, based on the information given in the passage?

- (a) Disorders that involve excessive and persistent worry, fear, and anxiety, such as generalized anxiety disorder, panic disorder, and phobias.
- (b) Disorders that have the capacity to impact different aspects of an individual's life, including their daily routines and relationships with others.
- (c) Disorders that are characterized by rigid and maladaptive patterns of behavior, thinking, and functioning, such as borderline personality disorder.
- (d) Disorders that cause a significant impairment in an individual's thoughts, emotions, and perception of reality, like delusional disorder.
- (e) Disorders that include obsessive-compulsive disorder and dissociative disorders, which impact thoughts, emotions, and behavior.

Q42. What are the typical steps involved in the assessment and diagnosis of psychological disorders?

- (a) Standardized questionnaires and assessments may be used to obtain more specific information about the condition of an individual.
- (b) Psychological evaluations are generally conducted to assess cognitive functioning and identify underlying psychological factors.
- (c) The clinician rules out other possible explanations for the symptoms by considering different disorders with similar presentations.
- (d) The mental health professionals determine the most accurate and affordable diagnosis that aligns with the critical symptoms.
- (e) Both (a) and (b)

Q43. How can society contribute to the prevention of psychological disorders and the promotion of mental well-being?

- (i) By implementing policies that prioritize mental health in society, institutions can ensure equitable access to mental health services and treatment.**
- (ii) The fostering of an open atmosphere where people can freely discuss their experiences plays a significant role in rehabilitating mental health.**
- (iii) By actively working to reduce the stigma surrounding mental health, society can create a supportive environment where individuals feel more at ease seeking help.**
- (a) Only (ii) and (iii)
- (b) Only (ii)
- (c) Only (i) and (ii)
- (d) All of these
- (e) Only (i) and (iii)

Q44. What role does empathy play in supporting individuals with psychological disorders?

- (a) It acts as a counterbalance to negative self-perception often associated with psychological disorders, promoting a more realistic and positive view of oneself.
- (b) It empowers individuals to advocate for their own needs, communicate effectively with healthcare providers, and express their concerns or preferences in the treatment process.
- (c) It enables individuals to adhere to treatment plans and actively participate in therapy, leading to better outcomes over time.
- (d) It encourages individuals to engage in self-care practices, such as seeking therapy, taking medications as prescribed, and adopting healthy lifestyle habits.
- (e) It is essential for eliminating obstacles and lessening the sense of loneliness that people with psychological problems often experience.

Q45. Which of the following words can be used to fill in the blank (I), as given in the passage?

- (a) incense
- (b) beget
- (c) assuage
- (d) outlaw
- (e) instigate

Q46. Which one of the following words is similar in meaning to the word "**ISOLATION**," as highlighted in the given passage?

- (a) damnation
- (b) salvation
- (c) denigration
- (d) propitiation
- (e) None of these

Q47. How can lifestyle modifications contribute to the treatment and recovery of individuals with psychological disorders?

- (a) Establishing a consistent daily routine and structure can provide a sense of stability and predictability.
- (b) Developing effective time management skills can help individuals prioritize self-care activities and other aspects of their treatment plan.
- (c) Establishing a regular sleep routine and ensuring adequate sleep can contribute to better emotional regulation and overall mental health.
- (d) Incorporating exercise and stress management strategies can have a substantial impact on the treatment and recovery process for individuals.
- (e) Avoiding or minimizing the use of substances, including alcohol and drugs, is crucial as they can trigger symptoms of psychological disorders.

Q48. Which one of the following words is opposite in meaning to the word "STIGMA**," as highlighted in the given passage?**

- (a) smirch
- (b) acclaim
- (c) pummel
- (d) arraign
- (e) None of these

Directions (49-51): In each of the following questions, a sentence has been divided into four parts in which one part has an error. Identify the part that has an error and mark that part as your answer. If all parts are error-free then choose 'No Error' as your correct choice.

Q49. Craving solace amidst the chaos, (A)/ the weary traveller sought (B)/ tranquil reprieve in the (C)/ serene embraced of a mountain retreat. (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Q50. Compassionate leader worked (A)/ tirelessly to foster a benign (B)/ environment in the organization, promoting (C)/ mutual respect among team members. (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Q51. The tenacious prosecutor presented (A)/ some irrefutable evidence (B)/ that help expose the (C)/ truth behind the heinous crime. (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Q52. The consistent hard work (A)/ and persevere of the (B)/ dedicated student earned him (C)/ the well-deserved scholarship. (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No Error

Directions (53-55): In each of the following questions, a sentence has been given with two blanks. For each question, five options are given, each containing two words. You have to choose the most suitable option that fits both the blanks grammatically and contextually.

Q53. Swiftly discerning the team's lackadaisical attitude, _____ new manager promptly resolved to enforce _____ stringent deadlines.

- (a) still, even
- (b) the, more
- (c) a, though
- (d) yet, much
- (e) the, merely

Q54. Despite feeling _____ the weather, Mark soldiered on and pushed _____ his illness to attend the important conference.

- (a) above, across
- (b) below, from
- (c) along, ahead
- (d) under, through
- (e) behind, below

Q55. When faced _____ a daunting challenge at work, Lisa decided to think outside the box _____ brainstorm innovative solutions.

- (a) along, but
- (b) from, with
- (c) with, and
- (d) through, a
- (e) with, from

Directions (56-60): There are six sentences given below in the jumbled form. You have to rearrange the given sentences to make a contextually meaningful paragraph and answer the following questions:

- (A) With a furrowed brow, he attempted to retrace the victim's steps, piecing together a timeline of events.
- (B) In a dramatic reveal, the detective gathered everyone in the room, exposing the culprit and solving the perplexing mystery.
- (C) His sharp eyes noticed a faint fingerprint on the edge of the overturned table, hinting at a struggle.
- (D) Further, the interviews with witnesses yielded snippets of information, providing glimpses into a tangled web of motives and alibis.
- (E) The detective, in a room cast in a dim light, meticulously scrutinized the scattered clues strewn across the crime scene.
- (F) Late into the night, the detective poured over case files, connecting the dots and following leads that would unravel the mystery.

Q56. Which of the following would be the **THIRD** sentence after rearrangement?

- (a) A
- (b) B
- (c) E
- (d) F
- (e) C

Q57. Which of the following would be the **FIRST** sentence after rearrangement?

- (a) E
- (b) C
- (c) D
- (d) A
- (e) B

Q58. Which of the following would be the **SECOND** sentence after rearrangement?

- (a) A
- (b) B
- (c) E
- (d) F
- (e) C

Q59. Which of the following would be the **FIFTH** sentence after rearrangement?

- (a) B
- (b) A
- (c) F
- (d) C
- (e) E

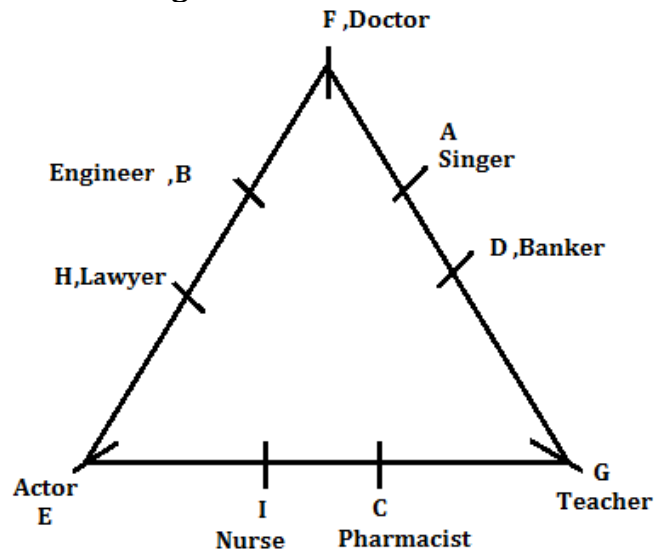
Q60. Which of the following would be the **LAST** sentence after rearrangement?

- (a) F
- (b) B
- (c) E
- (d) D
- (e) C

Solutions

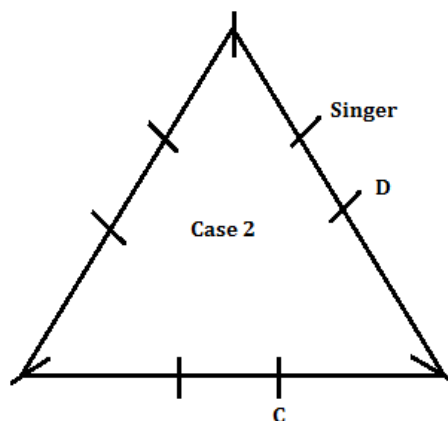
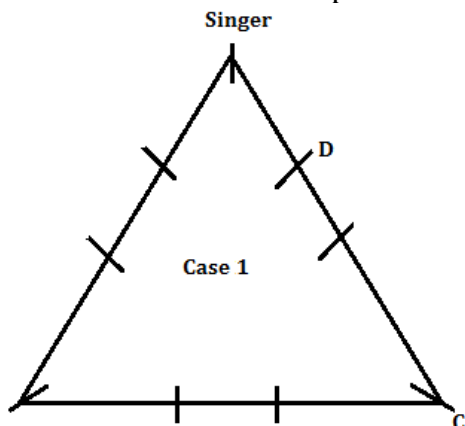
Solutions (1-4):

Final arrangement:



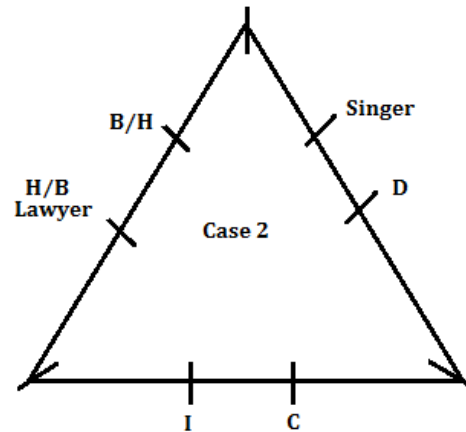
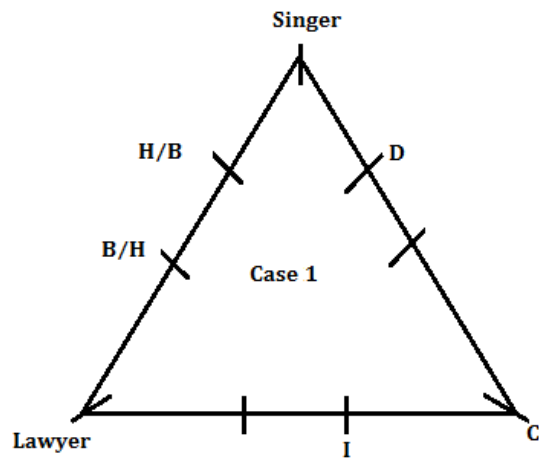
Clues: D sits two persons away from C but doesn't sit at the corner of the table. The one who is singer sits immediate right of D. C doesn't sit adjacent to the one who is singer.

Inference: We have two possible cases:



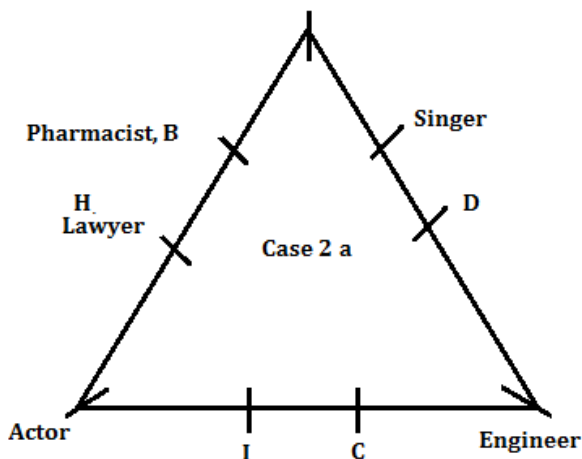
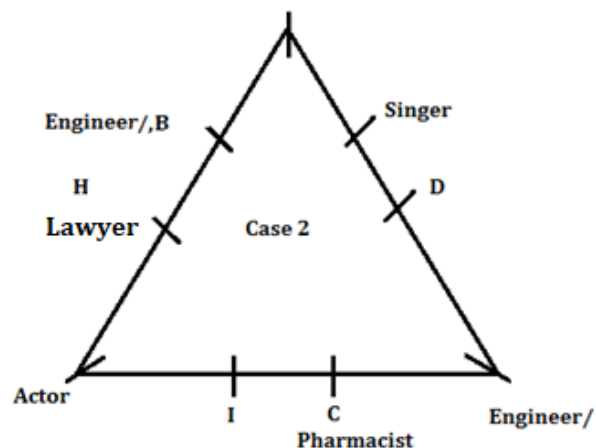
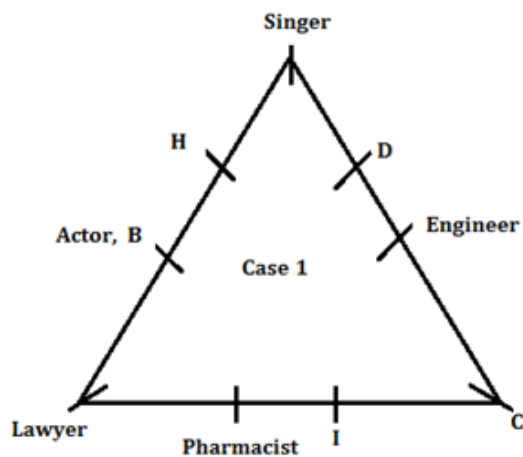
Clues: Only two persons sit between the one who is Singer and the one who is Lawyer. I sits second to the right of the one who is Lawyer. B and H sit on the same side of the table.

Inference: Which means C and I sit adjacent to each other.



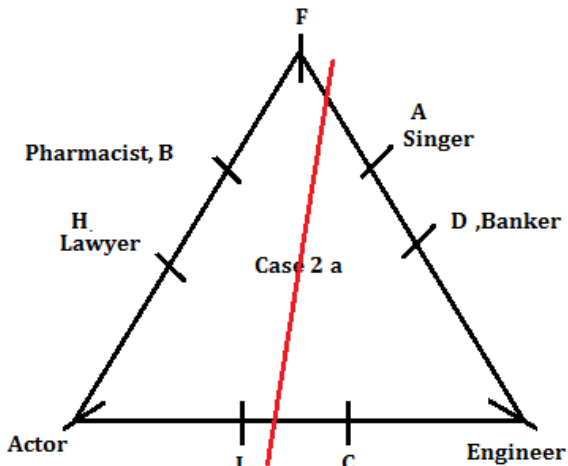
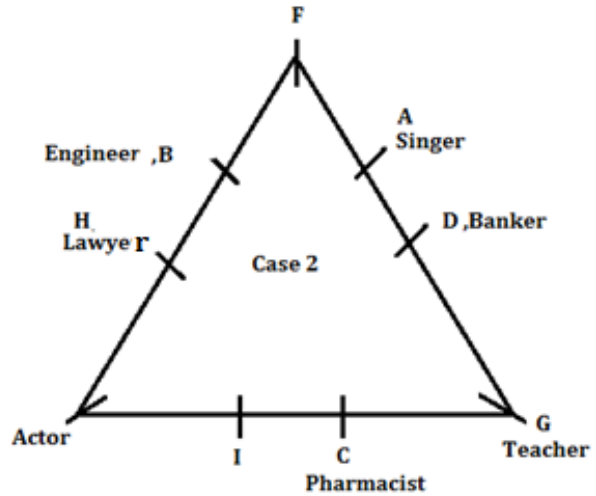
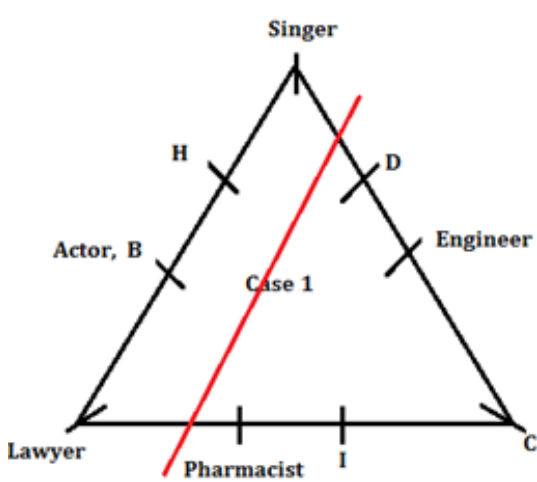
Clues: The one who is Actor sits immediate right of H. The one who is Pharmacist sits two persons away from the one who is Actor. As many persons sit between the one who is actor and the one who is pharmacist as between the one who is Engineer and the one who is singer.

Inference: Case 2a also introduced here.



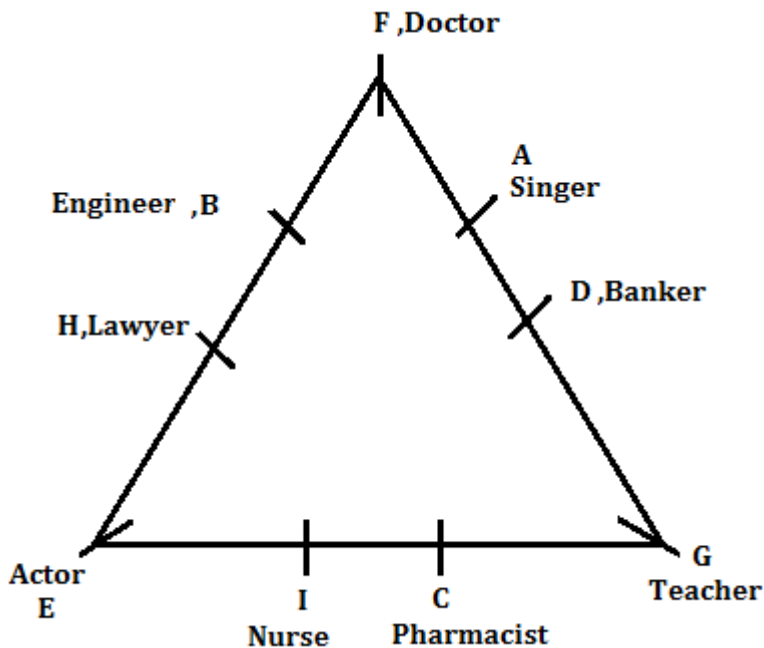
Clues: A and F sit adjacent to each other. The one who is banker sits immediate left of A. Only one person sits between A and G who is teacher.

Inference: Case 1a gets eliminated here because we can't place A and F adjacent to each other and case 2a also gets eliminated because we can't place the one who is teacher.



Clue: E sits next to the one who is nurse.

Inference: Doctor is left only. Thus, the final arrangement is:



S1. Ans.(c)

Sol. Four persons sit between F and C when counted from the right of F.

S2. Ans.(b)

Sol. Both I and III statements are true.

S3. Ans.(e)

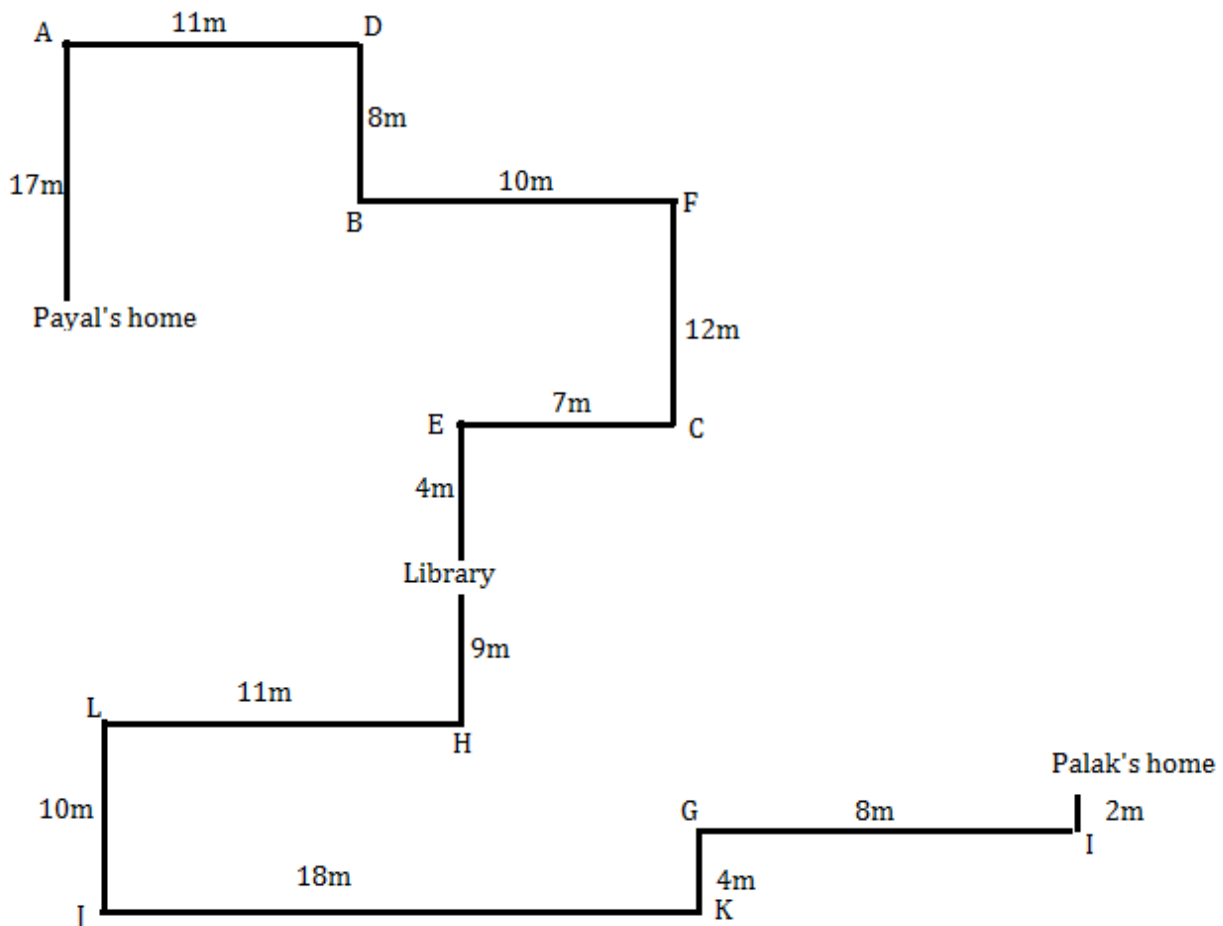
Sol. All combinations are correct.

S4. Ans.(d)

Sol. All sits at the side of the table except the one given in option (d).

Solutions (5-7):

Final arrangement:



S5. Ans.(d)

Sol. $12 + 7 + 4 + 9 + 11 + 10 + 18 + 4 = 75\text{m}$

S6. Ans.(e)

Sol. First element is in north-west of second, except in option (e).

S7. Ans.(c)

Sol. Shortest distance between C and L is $\sqrt{493}$ m.

Solutions (8-12):

Logic: In each step one word and one number are arranged

For Words: Words are arranged in dictionary order from right end. If the number of letters in the word is even then change the letters to the just next letters and if it is odd then change the letters with just preceding letters as per the alphabetical series.

For Numbers: Numbers are arranged in descending order from left end and each digit within the number are arranged in ascending order.

Input: 753 Visibility 483 Limited 845 Polarity 362 Kingdom 612 Original

Step I: 458 753 Visibility 483 Limited Polarity 362 612 Original jhmfcnl

Step II: 458 357 Visibility 483 Polarity 362 612 Original jhmfcnl khlhsdc

Step III: 458 357 126 Visibility 483 Polarity 362 jhmfcnl khlhsdc psjhjobm

Step IV: 458 357 126 348 Visibility 362 jhmfcnl khlhsdc psjhjobm qpmbsjuz

Step V: 458 357 126 348 236 jhmfcnl khlhsdc psjhjobm qpmbsjuz wtjtcjmjuz

S8. Ans.(b)

Sol. $357-236=121$

S9. Ans.(d)

Sol. 362 is seventh from the left end in step III.

S10. Ans.(d)

Sol. $357+362=719$

S11. Ans.(e)

Sol. Element which is fourth from the left end in step IV is 348

Third to the right of 348 is jhmfcnl

S12. Ans.(c)

Sol. $362 - 3*6*2=36$

S13. Ans.(c)

Sol. Inference is a Logical derivation. Option I can be only inferred as Restaurant owner has come up with contest name as "Bullet Thali" and prize is Bullet bike. The response from people is great. So, it is logically derived that Bullet bike has a huge craze and demand in Pune. Option II cannot be inferred, "only" words cancel its all possibilities. Option III can be assumed but it cannot be inferred.

Solutions (14-16):

Step 1: 5 \$ H U 3 B @ R F 6 E V # W 2 C % Q T 8 Z & 7 + K 9 A β O 4

Step 2: A B C K O W Z 5 \$ H U 3 @ R F 6 E V # 2 % Q T 8 & 7 + 9 β 4

Step 3: A B C K O W 5 \$ H 3 @ R 6 V # 2 % Q 8 & 7 + 9 β 4

Step 4: A B C K O 4 W \$ 2 H @ 5 R V 1 # % 7 Q 6 & 8 + 3 β

S14. Ans.(b)

Sol. 4th to the left of 9th element from the right end, in step 3 is W.

A B C K O W 5 \$ H 3 @ R 6 V # 2 % Q 8 & 7 + 9 β 4

S15. Ans.(c)

Sol. Required Sum = 5 + 1 + 7 + 6 + 8 + 3 = 30

A B C K O 4W \$ 2 H @ 5R V 1# % 7Q6&8+ 3β

S16. Ans.(e)

Sol. Six numbers are immediately followed by a symbol, in step 2.

A B C K O W Z 5 \$ H U 3 @ R F 6 E V # 2 % Q T 8 & 7 + 9 β 4

S17. Ans.(e)

Sol. By applying condition 3 in row 1: J (10) + 12 = 22

Row 1 becomes 22 K

Applying condition 6 in row 1: 22 * K (11) = **242**

By applying condition 1 in row 2: 18 - 11 = 7

Row 2 becomes 7 17

By applying condition 5 in row 2: 17 + 7 = **24**

Sum- 242 + 24 = 266

S18. Ans.(c)

Sol. By applying condition 2 in row 1: 21 / 7 = 3

Row 1 becomes 3 20

Applying condition 4 in row 1: 20 - 3 = **17**

By applying condition 6 in row 2: 12 * F (6) = 72

Row 2 becomes 72 33

By applying condition 1 in row 2: 72 - 33 = **39**

Multiplication- 39 * 17 = 663

S19. Ans.(b)

Sol. By applying condition 5 in row 2: 13 + 17 = 30

Row 2 becomes 30 T

Applying condition 6 in row 2: 30 * 20 = 600

By applying condition 2 in row 1: 81 / I (9) = 9

Row 1 becomes 9 600

By applying condition 4 in row 1: 600 - 9 = **591**

Resultant of row 1 is 591

S20. Ans.(a)

Sol. By applying condition 5 in row 1: 21 + 17 = 38

Row 1 becomes 38 D

Applying condition 6 in row 1: 38 * 4 = **152**

By applying condition 3 in row 2: 16 + 14 = 30

Row 2 becomes 30 18

By applying condition 7 in row 2: 30 + 18 = **48**

Difference- 152 - 48 = 104

Solutions (21–25):

For shopkeeper A,

Total product sold = 600

Light bulbs sold = 48% of 600 = 288

Firecrackers sold = 600 – 288 = 312

Similarly,

Shopkeepers	Total products sold	Light bulb sold	Firecrackers sold
A	600	288	312
B	500	64% of 500 = 320	180
C	400	56% of 400 = 224	176
D	800	72% of 800 = 576	224

S21. Ans.(a)

Sol. Required average = $\frac{180+176+224}{3} = \frac{580}{3}$

S22. Ans.(b)

Sol. Required percentage = $\frac{500-(176+224)}{500} \times 100 = 20\%$

S23. Ans.(b)

Sol. ATQ,

$$5888 = X \times 224 + (X - 12) \times 176$$

$$400X - 2112 = 5888$$

$$400X = 8000$$

$$X = 20$$

S24. Ans.(d)

Sol. Non-working light bulbs sold by D = $\frac{3}{4} \times 576 = 432$

Non-working light bulbs sold by A = $\frac{1}{6} \times 288 = 48$

Total product sold by F = 432 + 48 = 480

Light bulbs sold by F = $\frac{1}{3} \times 480 = 160$

S25. Ans.(e)

Sol. Average number of light bulbs sold these shopkeepers = $\frac{288+320+224+576}{4} = 352$

A, B & C sold less than average number of light bulbs sold by these shopkeepers.

S26. Ans.(a)

Sol. $\frac{75}{100} \times 360 - (19 \times 3) = ? \times 3$

$$213 = ? \times 3$$

$$71 = ?$$

S27. Ans.(e)

Sol.

$$\frac{39 \times 15 - 28 \times 10}{5} = 36 + ?$$

$$61 = 36 + ?$$

$$? = 25$$

S28. Ans.(e)

Sol.

$$\left(\frac{320}{100} \times 45\right) + \left(\frac{40}{100} \times 405\right) - \left(\frac{16}{100} \times 150\right) = ? \times \sqrt[3]{27}$$

$$144 + 162 - 24 = ? \times 3$$

$$? = 94$$

S29. Ans.(e)

Sol. Number of days taken by Q to complete the work = $40 \times \frac{4}{5} = 32$ days

Total work = 160 unit (LCM of 40 and 32)

$$\text{Efficiency of P} = \frac{160}{40} = 4 \text{ unit/day}$$

$$\text{Efficiency of Q} = \frac{160}{32} = 5 \text{ unit/day}$$

Total work done by Q in 12 days = $12 \times 5 = 60$ unit

$$\text{Efficiency of R} = \frac{160 - 60}{30} = \frac{10}{3} \text{ unit/day}$$

$$\text{Required days} = 160 \times \frac{3}{10} = 48 \text{ days}$$

S30. Ans.(c)

Sol. Let monthly income of Rakesh = $100x$

$$\text{Amount spends by Rakesh on food} = 100x \times \frac{25}{100} = 25x$$

$$\text{Amount spends by Rakesh on rent} = (100x - 25x) \times \frac{20}{100} = 15x$$

$$\text{ATQ, } (100x - 40x - 4800) = 24000$$

$$60x - 4800 = 24000$$

$$60x = 28800$$

$$x = 480$$

$$\text{Monthly income of Mukesh} = 48000 \times \frac{125}{100} = 60000 \text{ Rs.}$$

S31. Ans.(d)

Sol. Form (10-99), P and Q can be (18, 26), (27, 39), (36, 54), (45, 65), (54, 78) (63, 91)

ATQ, only possible value of P and Q be (54, 78)

So, required difference = $78 - 54 = 24$

S32. Ans.(d)

Sol. Ratio of milk to water in the vessel initially = 75% : 25% = 3 : 1

Quantity of milk in vessel initially = $240 \times \frac{3}{4} = 180$ liters

Quantity of water in vessel initially = $240 - 180 = 60$ liters

Quantity of milk in resultant mixture = $180 - 80 \times \frac{3}{4} + X = (120 + X)$ liters

Quantity of water in resultant mixture = $60 - 80 \times \frac{1}{4} + 2X = (40 + 2X)$ liters

$$\text{ATQ } \frac{40+2X}{160+3X} = \frac{40}{100}$$

$$200 + 10X = 320 + 6X$$

$$4X = 120$$

$$X = 30$$

$$\text{Required value} = 2 \times 30 = 60$$

S33. Ans.(d)

Sol. Let speed of stream = s km/hr

And speed of boat in still water = $8s$ km/hr

$$\text{ATQ } \frac{x}{9s} = \frac{y}{7s}$$

$$x : y = 9 : 7$$

$$\text{So, } y = 60 \times \frac{7}{9} = 210 \text{ km}$$

S34. Ans.(b)

$$\text{Sol. I. } (2x + 5)^2 = 2(8 + 4x)$$

$$4x^2 + 20x + 25 = 16 + 8x$$

$$4x^2 + 12x + 9 = 0$$

$$4x^2 + 6x + 6x + 9 = 0$$

$$2x(2x + 3) + 3(2x + 3) = 0$$

$$x = -\frac{3}{2}, -\frac{3}{2}$$

$$\text{II. } (4y - 3)^2 + 16 = (2y - 4)^2 + y(8y + 4)$$

$$16y^2 + 9 - 24y + 16 = 4y^2 + 16 - 16y + 8y^2 + 4y$$

$$4y^2 - 12y + 9 = 0$$

$$4y^2 - 6y - 6y + 9 = 0$$

$$2y(2y - 3) - 3(2y - 3) = 0$$

$$y = \frac{3}{2}, \frac{3}{2}$$

$$x < y$$

S35. Ans.(d)

$$\text{Sol. I. } 2 = \left(\frac{x}{7} + \frac{7}{x}\right)$$

$$x^2 - 14x + 49 = 0$$

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

$$x = 7, 7$$

$$\text{II. } \left(\frac{49}{5y} + 5y\right) + 14 = 0$$

$$25y^2 + 70y + 49 = 0$$

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

$$y = -\frac{7}{5}, -\frac{7}{5}$$

$$x > y$$

S36. Ans.(b)

Sol. Cost price = $Y+80$

Marked price = $\frac{3}{2}(Y+80)$

Selling price = $\frac{4}{5} \times \frac{3}{2}(Y+80)$

ATQ,

$$\frac{4}{5} \times \frac{3}{2}(Y+80) - (Y+80) = 40$$

$$1.2Y + 96 - Y - 80 = 40$$

$$0.2Y = 24$$

$$Y = 120$$

$$\text{Required value} = \frac{120}{2} = 60$$

S37. Ans.(e)

Sol. Length of bridge = 1200 meter

Speed of train = $\frac{600+1200}{90} = 20m/s = 20 \times \frac{18}{5} = 72 \text{ kmph}$

Speed of train second train = $72 + 6 = 78 \text{ kmph}$

Let required length be L meter.

ATQ,

$$(600 + L) = 36 \times (72 + 78) \times \frac{5}{18}$$

$$600 + L = 1500$$

$$L = 900 \text{ meters}$$

S38. Ans.(d)

Sol. Let amount invested in scheme A = $2p$

So, amount invested in scheme B = $2p \times \frac{150}{100} = 3p$

ATQ,

$$\frac{2p \times x \times 3}{3p \times (x+14) \times 5} = \frac{1}{6}$$

$$12x = 5x + 70$$

$$x = 10$$

$$\text{Required value} = (10+2) = 12$$

Solutions (39-40):

Pattern of the series A:

79,	81,	87,	111,	231,	951,	5991
2	6	24	120	720	5040	
2!	3!	4!	5!	6!	7!	

Pattern of the series B:

187,	214,	198,	323,	287,	630,	566
+27	-16	+125	-36	+343	-64	
+3 ³	-4 ²	+5 ³	-6 ²	+7 ³	-8 ²	

S39. Ans.(e)

Sol. X = 231

$$\text{Required value} = 231 \times \frac{25}{100} = 57.75$$

S40. Ans.(d)

Sol. P = 187

From (i)

$$187 + 9 = 196$$

It is the perfect square of 14.

From (ii)

$$\frac{187}{11} - 6 = 11$$

It is not the perfect cube.

From (iii)

$$187 + 5 = 192$$

It is not the prime number.

S41. Ans.(b)

Sol. Among the given options, **statement (b) is correct** based on the information given in the starting lines of the first paragraph. The passage states that psychological disorders have the potential to profoundly affect various aspects of an individual's existence, including their daily routines and interpersonal connections. This indicates that psychological disorders can impact different aspects of an individual's life, including their daily routines and relationships with others.

However, the other statements provided in options (a), (c), (d), and (e) are not specifically mentioned in the given passage. Therefore, it cannot be inferred from the passage that these specific disorders are the ones that affect an individual's thoughts, emotions, and behavior.

S42. Ans.(e)

Sol. Among the given alternatives, **option (e) is correct** based on the information given in the second line of the second paragraph. The passage states that the assessment and diagnosis of psychological disorders involve a comprehensive assessment, including interviews, questionnaires, and psychological evaluations. This indicates that standardized questionnaires and assessments (**option a**) can be used to obtain more specific information about the individual's condition. Additionally, psychological evaluations (**option b**) are conducted to assess cognitive functioning and identify underlying psychological factors.

However, sentences in options (c) and (d) are not mentioned in the given passage. There is no specific information provided about the clinician ruling out other possible explanations for the symptoms or determining the most accurate and affordable diagnosis. Therefore, these statements are incoherent based on the information given in the passage.

S43. Ans.(a)

Sol. Among the given alternatives, **option (a) is correct** based on the information given in the starting lines of the third paragraph. The passage states that creating an environment that fosters mental well-being is essential for preventing psychological disorders. Additionally, it mentions that society must strive to reduce the stigma surrounding mental health and encourage open conversations and understanding. Therefore, only **statement (ii)** and **statement (iii)** align with the information provided. However, statement (i) is not mentioned in the given passage. There is no specific information provided about implementing policies that prioritize mental health in society to ensure equitable access to mental health services and treatment. Therefore, statement (i) is incoherent based on the given information.

S44. Ans.(e)

Sol. Among the given alternatives, **option (e) is correct** based on the information given in the concluding lines of the first paragraph. The passage states that empathy plays a vital role in supporting individuals with psychological disorders by breaking down barriers and reducing the isolation often experienced by those affected. This aligns with the idea that empathy is essential for eliminating obstacles and lessening the sense of loneliness that people with psychological problems often experience.

However, the other options (a), (b), (c), and (d) are not mentioned in the given passage. There is no specific information provided about empathy acting as a counterbalance to negative self-perception, empowering individuals to advocate for their needs, enhancing treatment adherence, or encouraging self-care practices. Therefore, these statements are incoherent based on the given information.

S45. Ans.(c)

Sol. Among the given alternatives, **option (c) "assuage"** can be used to fill in the blank (I) as given in the passage. The sentence states that medication can be prescribed to assuage specific symptoms or regulate brain chemistry. "Assuage" means to alleviate or ease, which aligns with the idea that medication is used to relieve specific symptoms or regulate brain chemistry in the context of psychological disorders.

(a) incense: to make very angry or infuriate

(b) beget: to give rise to or bring about

(d) outlaw: to prohibit or make illegal

(e) instigate: to initiate or provoke an action or event

S46. Ans.(e)

Sol. Among the given alternatives, **option (e) "None of these"** is the correct answer as none of the provided words have a similar meaning to the word "isolation."

Isolation means being separated or cut off from others, resulting in a state of loneliness, seclusion, or disconnection.

Meanings of the other words:

(a) damnation: condemnation to punishment or eternal separation

(b) salvation: deliverance or redemption from harm or destruction

(c) denigration: the action of unfairly criticizing someone or something

(d) propitiation: the act of appeasing or satisfying a deity or person through offerings or actions

S47. Ans.(d)

Sol. Among the given alternatives, **option (d) is correct** based on the information given in the concluding lines of the second paragraph. The passage states that lifestyle modifications, including exercise and stress management, can play a significant role in the treatment and recovery process for individuals with psychological disorders. This aligns with the idea that incorporating exercise and stress management strategies can have a substantial impact on the treatment and recovery process.

However, the other options (a), (b), (c), and (e) are not mentioned in the given passage. There is no specific information provided about establishing a consistent daily routine, developing time management skills, establishing a regular sleep routine, or avoiding substance use in relation to the treatment and recovery of individuals with psychological disorders. Therefore, these statements are incoherent based on the given information.

S48. Ans.(b)

Sol. Among the given alternatives, the correct answer is **(b) acclaim**. A stigma is a mark of disgrace associated with a particular circumstance, quality, or person. Acclaim, on the other hand, is public praise or approval. Therefore, acclaim is the opposite of stigma.

Meanings of the other words:

(a) smirch: to tarnish or stain someone's reputation

(c) pummel: to strike repeatedly or beat someone with force

(d) arraign: to bring someone to court and formally charge them with a crime

S49. Ans.(d)

Sol. In the original sentence, there is an **error in part (D)** where "embraced" is used instead of "embrace." The word "embraced" is the past tense of the verb "embrace," which is not appropriate in this context. The phrase "serene embrace" is the correct form, indicating the act of embracing or enveloping in a serene manner. The correct form should be "serene embrace," where "embrace" is a noun indicating a state of being embraced or held in a comforting or supportive manner.

S50. Ans.(a)

Sol. In the given sentence, the **error is in part (A)**, which states "Compassionate leader worked." The correction is to include the definite article "the" before the noun "compassionate leader," resulting in "The compassionate leader worked." The addition of "the" clarifies that the sentence is referring to a specific leader who is compassionate. The use of the definite article is necessary to specify which leader is being discussed in the context of the sentence.

S51. Ans.(c)

Sol. In the original sentence, **Part (C)** states "that help expose," where the verb "help" is in the present tense form. However, since the rest of the sentence is written in the past tense, it is necessary to maintain consistency throughout the sentence. To correct the error, we need to change the verb "help" to its past tense form, which is "helped." This change ensures that the verb tense is consistent with the past tense verb "presented" in Part (A). Therefore, the corrected sentence is: "The tenacious prosecutor presented some irrefutable evidence that helped expose the truth behind the heinous crime."

S52. Ans.(b)

Sol. In Part (B) of the original sentence, the word "persevere" is used incorrectly. Instead, the correct form should be "perseverance." "Perseverance" is the noun form that represents the quality or act of persevering, which aligns with the context of the sentence. Therefore, the corrected sentence reads, "The consistent hard work and perseverance of the dedicated student earned him the well-deserved scholarship."

Explanation:

"Perseverance" and "persevere" are related terms but have slightly different meanings and functions in a sentence:

Perseverance: It is a noun that refers to the quality of persisting in an action or purpose despite difficulties or setbacks. It represents the ongoing effort and determination to achieve a goal.

Example: His perseverance in the face of challenges allowed him to overcome all obstacles.

Persevere: It is a verb that means to continue striving towards a goal or to persist despite challenges. It denotes the act of maintaining one's efforts and not giving up.

Example: Despite the difficulties, he decided to persevere and keep working towards his dream.

In the context of the sentence, since we are referring to the quality or attribute possessed by the student, we use the noun form "perseverance" in Part (B) to emphasize the dedicated student's ability to persist and stay committed.

S53. Ans.(b)

Sol. In the given sentence, the phrase "new manager" suggests that a specific manager is being referred to, so the definite article "the" is appropriate. Additionally, the word "more" is used to indicate an increase in stringency, implying that there were some deadlines in place before but they were not stringent enough. This usage fits well with the context of the sentence, where the team's lackadaisical attitude needs to be addressed with stricter deadlines. Therefore, **option (b) "the, more"** is the most suitable choice for this sentence.

Let's analyze the other options and explain why they are not suitable:

- (a) The words "still" and "even" do not convey the idea of increasing stringency in relation to the deadlines. They do not provide a logical progression in the context of the sentence.
- (c) The word "though" does not appropriately indicate an increase in stringency. It suggests a contrast or concession rather than a reinforcement of strictness.
- (d) The word "yet" does not convey the intended meaning of increasing stringency. It is commonly used to introduce a contrasting element rather than to indicate an escalation in the level of strictness.
- (e) The word "merely" does not fit the context because it suggests that the new manager is enforcing less stringent deadlines, which is contradictory to the idea of addressing the team's lackadaisical attitude.

S54. Ans.(d)

Sol. In the given sentence, the word "despite" suggests that there is a contrast or challenge that Mark is facing. The phrase "feeling under the weather" is an idiomatic expression that means feeling unwell, sick, or not in good health. The phrase "pushed through" indicates determination and perseverance to overcome obstacles. This aligns with the context of attending the important conference despite feeling unwell. Therefore, **option (d) "under, through"** is the most suitable choice for this sentence. It captures the idea of Mark persevering through his illness to attend the important conference.

Let's analyze the other options and explain why they are not suitable:

- (a) The word "above" does not convey the idea of overcoming or persevering through a challenge. Similarly, the word "across" does not appropriately indicate pushing through an illness or any kind of obstacle.
- (b) The word "below" does not fit the context of the sentence. It suggests a position or level that is lower or lesser, which is not applicable to Mark's situation of attending the conference despite his illness.
- (c) The words "along" and "ahead" do not convey the sense of overcoming a challenge or pushing through an illness. They imply progression or forward movement, but they do not capture the determination and effort involved in attending the conference despite feeling unwell.
- (e) The word "behind" implies being in a position that is not actively engaging or moving forward. Similarly, the word "below" suggests a lower level or position. Neither word accurately conveys the idea of pushing through an illness to attend the conference.

S55. Ans.(c)

Sol. The phrase "faced with" is an idiomatic expression that means encountering or confronting a particular situation or challenge. The word "and" is used to connect the action of thinking outside the box and brainstorming innovative solutions. This combination accurately represents Lisa's approach of employing creative thinking to overcome the challenge. Therefore, **option (c) "with, and"** is the most suitable choice for this sentence.

Let's analyze the other options and explain why they are not suitable:

- (a) The word "along" does not convey the appropriate sense of actively engaging with the challenge. The word "but" suggests a contrasting element, which does not align with the idea of finding innovative solutions.
- (b) The word "from" does not convey the intended meaning of actively facing or dealing with the challenge. It suggests a source or origin, which is not applicable in this context. The word "with" also does not fit well with the phrase "think outside the box."

(d) The word "through" implies moving or progressing past a challenge, but it does not specifically convey the idea of actively engaging with the challenge. The word "a" is unnecessary in this context and does not contribute to the meaning of the sentence.

(e) The word "with" in this option correctly indicates the approach of using something in conjunction with the challenge. However, the word "from" does not fit well with the phrase "think outside the box." The combination of "with, from" does not accurately represent the intended meaning.

S56. Ans.(a)

Sol. The paragraph begins with the detective meticulously examining the crime scene, noticing important details like a faint fingerprint. Then, the detective retraces the victim's steps and interviews witnesses, gathering more information and unraveling a complex web of motives and alibis. Late into the night, the detective pours over case files, connecting the dots and following leads. Finally, the paragraph concludes with a dramatic reveal where the detective gathers everyone and exposes the culprit, bringing the perplexing mystery to a close. When these sentences are arranged in the order **E, C, A, D, F, B**, they form a coherent paragraph that follows the detective's investigation process. Therefore, sentence (A) would be the **THIRD** sentence after rearrangement.

S57. Ans.(a)

Sol. The paragraph begins with the detective meticulously examining the crime scene, noticing important details like a faint fingerprint. Then, the detective retraces the victim's steps and interviews witnesses, gathering more information and unraveling a complex web of motives and alibis. Late into the night, the detective pours over case files, connecting the dots and following leads. Finally, the paragraph concludes with a dramatic reveal where the detective gathers everyone and exposes the culprit, bringing the perplexing mystery to a close. When these sentences are arranged in the order **E, C, A, D, F, B**, they form a coherent paragraph that follows the detective's investigation process. Therefore, sentence (E) would be the **FIRST** sentence after rearrangement.

S58. Ans.(e)

Sol. The paragraph begins with the detective meticulously examining the crime scene, noticing important details like a faint fingerprint. Then, the detective retraces the victim's steps and interviews witnesses, gathering more information and unraveling a complex web of motives and alibis. Late into the night, the detective pours over case files, connecting the dots and following leads. Finally, the paragraph concludes with a dramatic reveal where the detective gathers everyone and exposes the culprit, bringing the perplexing mystery to a close. When these sentences are arranged in the order **E, C, A, D, F, B**, they form a coherent paragraph that follows the detective's investigation process. Therefore, sentence (C) would be the **SECOND** sentence after rearrangement.

S59. Ans.(c)

Sol. The paragraph begins with the detective meticulously examining the crime scene, noticing important details like a faint fingerprint. Then, the detective retraces the victim's steps and interviews witnesses, gathering more information and unraveling a complex web of motives and alibis. Late into the night, the detective pours over case files, connecting the dots and following leads. Finally, the paragraph concludes with a dramatic reveal where the detective gathers everyone and exposes the culprit, bringing the perplexing mystery to a close. When these sentences are arranged in the order **E, C, A, D, F, B**, they form a coherent paragraph that follows the detective's investigation process. Therefore, sentence (F) would be the **FIFTH** sentence after rearrangement.

S60. Ans.(b)

Sol. The paragraph begins with the detective meticulously examining the crime scene, noticing important details like a faint fingerprint. Then, the detective retraces the victim's steps and interviews witnesses, gathering more information and unraveling a complex web of motives and alibis. Late into the night, the detective pours over case files, connecting the dots and following leads. Finally, the paragraph concludes with a dramatic reveal where the detective gathers everyone and exposes the culprit, bringing the perplexing mystery to a close. When these sentences are arranged in the order **E, C, A, D, F, B**, they form a coherent paragraph that follows the detective's investigation process.

Therefore, sentence (B) would be the LAST sentence after rearrangement.

