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Memory Based Paper
(Prelims)
04 Nov, 2023 Shift 4

100 Questions

Que. 1 | **Directions: Choose the most appropriate word to fill in the given black.**

Attackers are using technology to defraud users, steal their identity, and to engage in various other _____ activities like phone scams and posting fake videos on social media platforms.

1. encouraging
2. ethical
3. scrambled
4. regressive
5. illegal

Correct Option **- 5**

Que. 2 | **Directions: Choose the most appropriate word to fill in the given black.**

Prime Minister Narendra Modi urged global investors to explore investment opportunities in the country's energy sector, saying India is the most _____ place at present.

1. exquisite
2. forbidden
3. opportune
4. permitted
5. ambiguous

Correct Option **- 3**

Que. 3 | **Directions: Choose the most appropriate word to fill in the given black.**

The Budget aims to fulfil the long-term _____ goals of the country along with being the world's fastest-growing large economy.

1. implausible
2. challenging
3. obnoxious
4. sustainable
5. untenable

Correct Option **- 4**

Que. 4 | **Directions: Choose the most appropriate word to fill in the given black.**

He is an arrogant businessman and he likes to _____ his net worth, it makes him seem like he has a lot of money in his bank account.

1. exaggerate
2. propel

---

3. compensate
4. understate
5. trivialize

Correct Option - **1**

Que. 5 **Directions: In each of the questions given below, four words are given in bold. These four words may or may not be in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of words that replace each other. If the sentence is correct as it is, select '5' as your option.**

The world-famous **heritage (A)** sites of Ajanta and Ellora, and other **officials (B)** spots in the district will also remain shut on Saturdays and Sundays, while **marriages (C)** will not be allowed to be held in function halls during the lockdown period, **tourist (D)** said.

1. B-D
2. A-C
3. B-C
4. C-D
5. No rearrangement

Correct Option - **1**

Que. 6 **Directions: In the question given below, four words are given in bold. These four words may or may not be in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of words that replace each other. If the sentence is correct as it is, select '5' as your option.**

Students (A) professional development is **necessary (B)** to innovate and **engage (C)** creatively with their **continuing. (D)**

1. A-B
2. A-D
3. B-C
4. C-D
5. No replacement

Correct Option - **2**

Que. 7 **Directions: In each of the questions given below, four words are given in bold. These four words may or may not be in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of words that replace each other. If the sentence is correct as it is, select '5' as your option.**

A well-known adage in the **teacher (A)** world is that **technology (B)** cannot replace a teacher but a **education (C)** who uses technology will **replace (D)** one who does not.

1. C-D

2. B-C
3. A-B
4. A-C
5. No rearrangement

Correct Option - **4**

Que. 8 In the following question, a sentence is given with four words marked as (A), (B), (C) and (D). These words may or may not be placed in their correct order. Four options with different arrangements of these words have been provided. Mark the option with the correct arrangement as the answer. If no rearrangement is required, mark option (5) as your answer.

The study also **different (A)** the **effect (B)** of Head Start programs that use a **examined (C)** educational **approach (D)**.

1. B-D
2. B-C
3. A-C
4. A-D
5. No rearrangement

Correct Option - **3**

Que. 9 In the following question, a sentence is given with four words marked as (A), (B), (C) and (D). These words may or may not be placed in their correct order. Four options with different arrangements of these words have been provided. Mark the option with the correct arrangement as the answer. If no rearrangement is required, mark option (5) as your answer.

In the rural **concern (A)**, there was less **areas (B)** with traffic, although an **occasional (C)** farm dog forced him to **practice (D)** his sprints.

1. A - B
2. B - C
3. C - D
4. D - A
5. No rearrangement

Correct Option - **1**

Que. 10 Directions: The given sentence is divided into four parts that are A, B, C, and D. Choose the part that contains an error as your answer. If the sentence is error-free, mark E i.e. 'No error' as your answer.

When I went wine tasting **(A)** with my friends the other **(B)** day I had the most tastiest **(C)** wine that I have ever had. **(D)** No error **(E)**

1. A
2. B
3. C
4. D

5. E

Correct Option - **3**

Que. 11 **Directions: The given sentence is divided into four parts that are A, B, C, and D. Choose the part that contains an error as your answer. If the sentence is error-free, mark E i.e. 'No error' as your answer.**

As it is to be superior than **(A)** static graphics, animation is **(B)** being increasingly employed in **(C)** technology-based learning resources. **(D)** No error **(E)**

1. A
2. B
3. C
4. D
5. E

Correct Option - **1**

Que. 12 **Directions: The given sentence is divided into four parts that are A, B, C, and D. Choose the part that contains an error as your answer. If the sentence is error-free, mark E i.e. 'No error' as your answer.**

The transition to a circular economy **(A)** depend on how individuals and **(B)** organisations learn to innovate and apply **(C)** what they have learned in the real world. **(D)** No error **(E)**

1. A
2. B
3. C
4. D
5. E

Correct Option - **2**

Que. 13 **Directions: The given sentence is divided into four parts that are A, B, C, and D. Choose the part that contains an error as your answer. If the sentence is error-free, mark E i.e. 'No error' as your answer.**

This was only possible because India **(A)** has made financial inclusion a priority, **(B)** investing in a digital ID system called Aadhaar **(C)** and creating innovation platforms for digital banking. **(D)** No error **(E)**

1. A
2. B
3. C
4. D
5. E

Correct Option - **4**

Que. 14 | **Directions: The following sentence has been split into five segments. Identify the segment that contains a grammatical error. If there is no error, mark 'No error' as your answer.**

Among the government's earliest attempts (A) /to transform household energy consumption (B)/was the solar cooker fabricated in the early 1950s, (C)/amid great uncertainty in food security and energy self-sufficiency. (D)/No error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - **5**

Que. 15 | **Rearrange the following five sentences/group of sentences (A), (B), (C), (D), and (E) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.**

A. All of these have of late been areas of concern for the regulator.

B. At the meetings, governor Shaktikanta Das asked banks to strengthen their capital and provisioning positions.

C. The other issues discussed in the meeting included an assessment of the current economic situation and outlook.

D. The meetings were also attended by deputy governors of RBI.

E. The governor of the Reserve Bank of India held meetings with the chiefs of public sector banks and some private banks.

Which of the following should be the FIRST sentence after the arrangement?

1. E
2. B
3. C
4. A
5. D

Correct Option - **1**

Que. 16 | Which of the following should be the THIRD sentence after the arrangement?

1. A
2. C
3. B
4. D
5. E

Correct Option - **3**

Que. 17 | Which of the following should be the FOURTH sentence after the arrangement?

1. B

2. D

3. C

4. A

5. E

Correct Option - **3**

Que. 18 Which of the following should be the FIFTH sentence after the arrangement?

1. C

2. D

3. A

4. B

5. E

Correct Option - **3**

Que. 19 Which of the following should be the SECOND sentence after the arrangement?

1. B

2. E

3. C

4. D

5. A

Correct Option - **4**

Que. 20 **Directions: Given below is a word, followed by three sentences that consist of that word. Identify the sentence(s) that best express(es) the meaning of the word. Choose option 5 'None of the above' if the word is not suitable in any of the sentences.**

INTIMIDATING

A. The state court refused to **intimidating** the local court's decision.

B. Learning to use a computer was **intimidating** for the retiree as she was afraid she wouldn't be able to understand the new technology.

C. As the stormy weather began to worsen, the airplane began to **intimidating** back and forth.

1. Only C

2. Both A and C

3. Only A

4. Only B

5. None of the above

Correct Option - **4**

Que. 21 **Directions: Given below is a word, followed by three sentences that consist of that word. Identify the sentence(s) that best express(es) the meaning of the word. Choose option 5 'None of the**

OPTIMISTIC

A. **Optimistic** about the future, the recent graduate just knew that he would find a job soon.

B. The effects of the drought were so **optimistic** that everyone was without clean water.

C. Though we haven't won a game all year, our team is still **optimistic** that today we will win.

1. Only A
2. Both A and C
3. Only B
4. Both B and C
5. None of the above

Correct Option - **2**

Que. 22 **Direction: Evaluate the following word, accompanied by three sentences containing it. Determine the sentence(s) that accurately convey the meaning of the given word.**

INCENTIVE

A. Consider taking a break to gain a fresh **incentive** on the problem.

B. The company offers a cash **incentive** to employees who meet their sales targets.

C. The company conducted **incentive** market research to understand customer preferences.

1. Only A
2. Only C
3. Only B
4. All A, B & C
5. None of these

Correct Option - **3**

Que. 23 **Direction: Evaluate the following word, accompanied by three sentences containing it. Determine the sentence(s) that accurately convey the meaning of the given word.**

DISPATCH

A. Please **dispatch** these documents to the client as soon as possible.

B. The swift **dispatch** of the paramedics saved a life.

C. Can you **dispatch** this email to the entire team?

1. Only A
2. Only C
3. Only B
4. Both A & B
5. All A, B & C

Correct Option - **5**

Que. 24 **Directions: Read the given passage carefully to answer the following questions. Each question will have five alternatives as its answer. Choose the correct option as your answer.**

A recent study on the impact of diet on health has highlighted the **profound** influence that our food choices have on our overall well-being. This study, conducted over several years and encompassing a diverse group of participants, underscores the importance of balanced nutrition. The research shows that diets rich in fruits, vegetables, and lean proteins can significantly reduce the risks of chronic diseases such as heart disease, diabetes, and obesity. The findings also suggest that incorporating a variety of foods, and avoiding excessive amounts of processed foods and sugars, is crucial for maintaining optimal health.

The study delves deeper into how different types of diets affect various demographics. For instance, younger adults showed remarkable improvements in energy levels and mental health by following a Mediterranean-style diet, which is rich in olive oil, fish, and whole grains. On the other hand, older adults benefited greatly from a diet low in sodium and high in potassium, which helped in managing hypertension and enhancing muscle strength. These tailored dietary recommendations highlight the need for personalized diet plans that cater to individual health requirements and lifestyle preferences.

Moreover, the research also addressed the psychological aspects of eating habits, suggesting that diet not only affects physical health but also mental well-being. Participants who consumed a balanced diet reported feeling more positive and less prone to depression and anxiety. This connection between diet and mental health is paving the way for integrative dietary approaches that encompass not only physical but also mental health components. The study advocates for more educational programs that inform the public about the mental health benefits of a nutritious diet, thereby encouraging a **holistic** approach to health that integrates both mind and body wellness.

What does the word **profound** most likely mean in the context of the passage?

1. Insignificant
2. Superficial
3. Deep
4. Unnoticeable
5. Sudden

Correct Option **- 3**

Que. 25   In the passage, the term **holistic** is used to describe an approach to health. What does "holistic" mean?

1. Comprehensive
2. Fragmented
3. Focused on a single aspect
4. Traditional
5. Quick-fix

Correct Option **- 1**

Que. 26   What is the primary focus of the passage on diet studies?

1. The effectiveness of low-carb diets
2. The impact of diet on overall health
3. The popularity of vegan diets
4. The best sources of dietary protein
5. How to cook healthy meals

Correct Option **- 2**

Que. 27 According to the passage, why is it important to consider a holistic approach to diet?

1. To focus solely on physical health
2. To incorporate various health aspects, including mental and emotional well-being
3. To promote weight loss
4. To improve cooking skills
5. To increase the consumption of vitamins

Correct Option - **2**

Que. 28 What role do dietary fibers play according to the passage?

1. They are irrelevant to holistic health
2. They help in only weight management
3. They contribute to various aspects of health including digestion and heart health
4. They are harmful in large quantities
5. They are only found in meat products

Correct Option - **3**

Que. 29 Which of the following statements is TRUE according to the passage?

1. A high-carb diet is ideal for all.
2. Nutritional science supports a one-size-fits-all diet approach.
3. Diets should balance carbohydrates, proteins, and fats.
4. Nutrients have no impact on mental health.
5. Diet plans should exclude all fats.

Correct Option - **3**

Que. 30 Which of the following statements is FALSE according to the passage?

1. Dietary habits significantly influence individual health.
2. A balanced diet should include a variety of nutrients.
3. All diets should primarily focus on weight loss.
4. Dietary fibers contribute to health.
5. A holistic diet approach is beneficial for overall well-being.

Correct Option - **3**

Que. 31 **Directions: Study the following directions shows the percentage distribution of the number of students (Male + Female) studying in five different colleges.**

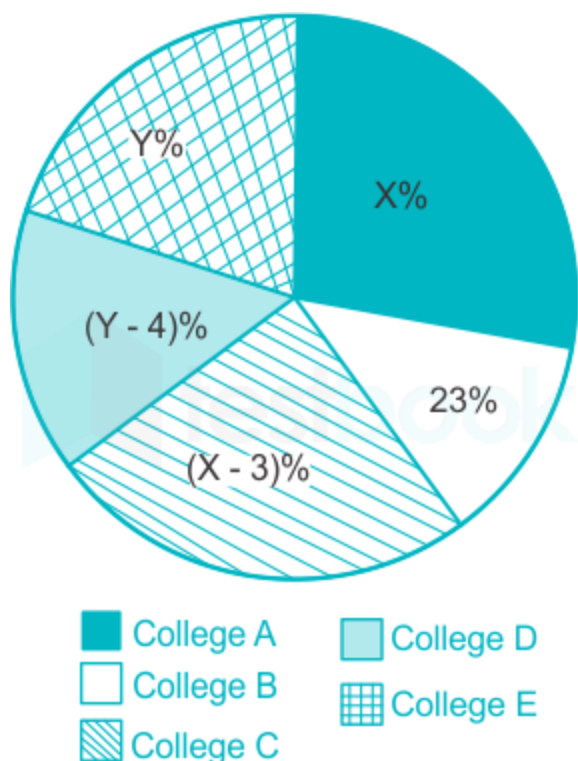**Total number of students (Male + Female) studying in college = 3000**

College A — X%
College B — 23%
College C — (X - 3)%
College D — (Y - 4)%
College E — Y%

Legend:
- College A
- College B
- College C
- College D
- College E

Table shows the ratio between the number of males to females studying in the five different colleges A, B, C, D and E.

Name of the colleges	Ratio between number of males to females
A	2 : 1
B	13 : 10
C	5 : 4
D	3 : 2
E	4 : 1

Note:
i) Number of students studying in college E = 720

If 60% and 80% of the males studying in college A and C respectively are form city P and remaining are from city Q. If 25% and 30% of the number of females studying in college A and C respectively are from city P. Find the number of students from college A and C are from city Q.

1. 420
2. 472
3. 469
4. 458
5. 480

Correct Option - **3**

Que. 32 If 1/3 rd of the males studying in college B and 1/6 th of the females from college B are cleared in distinction and from the remaining total number of students secured first class and second class if ratio between number of students studying first class to second class are in the ratio 2 : 1. Find the number of students cleared in first class.

1. 390
2. 350
3. 340
4. 320
5. 370

Correct Option - **3**

Que. 33 If exam fees for males in semester exams is Rs. 350 and females is Rs. 250 then find the total money collected for the number of students studying in the college D.

1. Rs. 124000
2. Rs. 164000
3. Rs. 186000
4. Rs. 172000
5. Rs. 196000

Correct Option - **3**

Que. 34 Find the difference between the sum of the 1/3rd and 1/6 th of the number of males studying in college D and E respectively and the sum of the 1/6 th and 1/8 th of the number of females studying in college D and E respectively.

1. 172
2. 124
3. 156
4. 158
5. 154

Correct Option - **4**

Que. 35 Find the ratio between the number of males studying in college C and D to the number of females studying in college A and B.

1. 62: 13
2. 61 : 48
3. 67`: 39
4. 75: 17
5. 58: 23

Correct Option - **2**

Que. 36 In a survey of prime membership users on four major platforms. It is found that out of the total prime members 20% are on Amazon Prime, 50% of the remaining are on Netflix premium and 30% of the rest are on Hotstar premium and rest 6300 are on Youtube premium. Then find the total number of prime members on these major platforms.

1. 32500
2. 17500
3. 27000
4. 22500
5. None of these

Correct Option **- 4**

Que. 37 7 years ago, the ratio of the ages of Sophia and Ava was 7 : 9. The present age of Emma is 8 years less than the present age of Sophia. If the present age of Emma's father is 45 years and 25 years more than his daughter. Then, the value of 50% of the present age of Ava is –

1. 18 years
2. 17 years
3. 21 years
4. 20 years
5. None of these

Correct Option **- 2**

Que. 38 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $2x^2 - 9x + 9 = 0$

II. $2y^2 - 17y + 30 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established.

Correct Option **- 5**

Que. 39 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 10x + 24 = 0$

II. $2y^2 - 29y + 105 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$

4. $x \leq y$

5. $x = y$ or relationship between x and y cannot be established.

Correct Option - **2**

Que. 40 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 42x + 440 = 0$

II. $y^2 - 34y + 288 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or the relationship between x and y cannot be established.

Correct Option - **1**

Que. 41 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $25x^2 - 30x + 8 = 0$

II. $25y^2 - 50y + 24 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established.

Correct Option - **4**

Que. 42 In the given question, two equations numbered l and II are given. Solve both the equations and mark the appropriate answer.

I. $x^2 - 44x + 483 = 0$

II. $y^2 - 27y + 182 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established.

Correct Option - **1**

Que. 43 The volume of a cube and a cuboid are 216 cm^3 and 480 cm^3 respectively. If the length and breadth of cuboid are in the ratio 5 : 4 and the height of cuboid is equal to the length of side of cube, then find the ratio of diagonal of cube to the diagonal of cuboid.

1. 6√3 : 5√2
2. 4√3 : 10√2
3. 7√3 : 5√2
4. 6√3 : 10√2
5. 4√3 : 5√ 2

Correct Option - **4**

Que. 44 A person mixed milk and water in 2 containers in the ratio 3 : 4 and 5 : 6 respectively then he mixed both the mixture in the third container and the ratio of milk and water in the resultant mixture becomes 4 : 5. Total quantity of mixtures is 18 litres. Find the quantity of milk in the 1st container.

1. 7 L
2. 4 L
3. 3 L
4. 5 L
5. none of these

Correct Option - **3**

Que. 45 **Directions: The given table shows the details about the number of orders received , Number of orders packed and number of orders shipped by five different companies A, B, C, D and E.**

Companies	Total orders received	Percentage of orders packed	Percentage of orders shipped
A	450	(x + 10)%	60%
B	600	(x + y)%	30%
C	700	(2x - 5)%	(y + 5)%
D	-	(1.5y + 5%)	-
E	400	-	(x - 5)%

Note:

i)Average of total received in all the companies is 530

ii)Total orders Received = Number of orders packed + Number of orders shipped

If 1/5th of the orders packed in company E and 1/3rd of the orders shipped in company B are international orders and the remaining are national orders , find the sum of the 1/3rd of national orders packed in company E and 2/3rd of the national orders shipped in company B.

1. 180
2. 170

3. 140
4. 160
5. 120

Correct Option - **4**

Que. 46 If packing cost for each order in company A is Rs. 15 and shipping cost for the each orders in the same company is Rs. 30. Find the total amount collected for 1/5th of the packed orders and 2/3rd of the shipped orders.

1. 5120
2. 5780
3. 5940
4. 5430
5. 5760

Correct Option - **3**

Que. 47 Find the ratio between the number of orders packed in company A and E respectively to the number of orders shipped in the company A and E.

1. 49: 53
2. 51: 53
3. 48: 37
4. 13: 17
5. 43: 53

Correct Option - **3**

Que. 48 If the number of orders packed in company D is increased by 20% and the number of orders shipped in company D is increased by x%. Total orders packed and shipped in company D is 635, then find the value of x.

1. 20%
2. 25%
3. 30%
4. 40%
5. 35%

Correct Option - **4**

Que. 49 Number of orders packed in company F is 25 more than the number of orders packed in company D and number of orders shipped in company F is 20 more than the number of orders shipped in company B. Then find the difference between the number of orders packed and the number of orders shipped by the company F.

1. 190
2. 130

3. 180
4. 150
5. 160

Correct Option - **4**

Que. 50 A sum distributed between A, B and C in the ratio of 7 : 13 : 17. If A's share is x more than $1/3^{rd}$ of A's share. B's share is y more than $1/2^{nd}$ of B's share and C's share is z more than $2/3^{rd}$ of C's share. Find the ratio of x : y : z?

1. 28 : 39 : 14
2. 28 : 39 : 34
3. 28 : 29 : 34
4. 26 : 29 : 34
5. 27 : 31 : 45

Correct Option - **2**

Que. 51 Two traders Ram and Shyam buy two goods for Rs. 1000 and Rs. 2000 respectively. Ram marks his goods up by x%, while Shyam marks his goods up by 2x% and offers the discount of x%. If both make the same profit, then find the value of x?

1. 12%
2. 12.5%
3. 25%
4. 30%
5. 10%

Correct Option - **3**

Que. 52 In each of the following number series, the wrong number is given, find out that number.
8, 17, 35, 71, 145, 287, 575

1. 145
2. 35
3. 575
4. 287
5. 71

Correct Option - **1**

Que. 53 Find the wrong number in the following series.
210, 206, 197, 181, 156, 121, 71

1. 71
2. 121

3. 181
4. 156
5. 206

Correct Option - **2**

Que. 54 In each of the following number series, a wrong number is given, find out that number.
3, 4, 4.5, 11, 25, 80, 269.5

1. 4
2. 4.5
3. 11
4. 80
5. 269.5

Correct Option - **4**

Que. 55 **Direction:** In the following number series, a wrong number is given. Find out the wrong number.
16, 17, 38, 123, 510, 2565

1. 17
2. 2565
3. 38
4. 510
5. 123

Correct Option - **4**

Que. 56 **Direction:** In the following number series, a wrong number is given. Find out the wrong number.
6, 7, 11, 38, 54, 179, 214

1. 179
2. 214
3. 54
4. 38
5. 11

Correct Option - **2**

Que. 57 Mohan invested Rs. 5000 at x% simple interest for 2 years. After 2 years, he noticed that if he has given the money on compound interest then he would have got Rs. 72 more as interest. Find the rate of interest?

1. 10%
2. 15%
3. 12%

4. 20%

5. None of these

Correct Option - **3**

Que. 58 A boat can travel 40 km upstream in the same time as it travels 60 km downstream. It can travel 10 km each in upstream and downstream in 25/12 hours. Find the time required to travel 24 km each in upstream and downstream.

1. 5 hours

2. 3 hours

3. 2.5 hours

4. 10 hours

5. 8 hours

Correct Option - **1**

Que. 59 Amit develops 10 questions a week and is given Rs.70 for one question. Vishal develops 2 questions per day and is paid Rs. 80 for one question. If both of them worked for 2 weeks, what will be the total amount paid to them?

1. Rs. 3650

2. Rs. 3240

3. Rs. 3140

4. Rs. 3640

5. Rs. 3680

Correct Option - **4**

Que. 60 **Direction:** The following question is accompanied by two statements (I) and (II). You have to determine which statements(s) is/are sufficient/necessary to answer the questions.

Find the average number of both males and females in the Testbook if 60% of the total male and 40% of the total female participated in an event.

Statement I: The number of female participated in the event is 120. There is more than 300 male in the Testbook.

Statement II: The number of females in the Testbook is 25% more than the number of males who participated in the event.

1. The statement I alone is sufficient to answer the question, but the statement II alone is not sufficient.

2. The statement II alone is sufficient to answer the question, but the statement I alone is not sufficient.

3. Both the statements I and II together are needed to answer the question.

4. Either statement I alone or statement II alone is sufficient to answer the question.

5. Neither statement I nor statement II is sufficient to answer the question.

Correct Option - **3**

Que. 61

Directions: Each of the following questions consists of 3 statements A, B, and C. You have to determine that which of the following statement/statements are not necessary to answer the question.

Find the two-digit number xy.

I. The number obtained by interchanging the digits of the number is less than the original number by 18.

II. The sum of the digits is 8.

III. The difference of digit is 2.

1. Only statement I
2. Statement I and statement III
3. Either I or III
4. Statement II and statement III
5. Data insufficient

Correct Option - **3**

Que. 62 The following question is accompanied by two statements (I) and (II). You have to determine which statement(s) is/are sufficient/necessary to answer the questions.

In how many days will A complete the work?

I. Ratio of efficiency of A, B and C is 5 : 6 : 9. A takes 8 days more than C to finish the work

II. A and B working together can complete the work in 10 days, C is twice efficient than A

1. The data in both the statements I and II together are necessary to answer the question
2. The data in statement I alone or in statement II alone is sufficient to answer the question.
3. The data in both statements I and II together are not sufficient to answer the question.
4. The data in statement II alone is sufficient to answer the question, while the data in I alone is not sufficient to answer the question.
5. The data in statement I alone is sufficient to answer the question, while the data in II alone is not sufficient to answer the question.

Correct Option - **5**

Que. 63 **Direction:** "The following question is accompanied by two statements (I) and (II). You have to determine which statements(s) is/are sufficient/necessary to answer the questions.

What will be the length of Train A?

Statement I: The Train A crosses a man running at the speed of 10 m/s in the opposite direction in 10 sec and the speed of the train is x m/s.

Statement II: Train B which has double the speed of Train A and crosses the pole in 5 sec and the length of the Train B is 500 m.

1. The statement I alone is sufficient to answer the question, but the statement II alone is not sufficient.
2. The statement II alone is sufficient to answer the question, but the statement I alone is not sufficient.
3. Both the statements I and II together are needed to answer the question.
4. Either statement I alone or statement II alone is sufficient to answer the question.
5. Neither statement I nor statement II is sufficient to answer the question.

Correct Option - **3**

Que. 64 The average weight of x number of people is 33 kg. The weights of all x number of people are in arithmetic progression. If the weight of the lightest is 5 kg and the weight of the heaviest is x kg, then find the value of x.

1. 59
2. 63
3. 67
4. 61
5. 65

Correct Option - **4**

Que. 65 A and B started a business with the capital of Rs. 70000 and Rs. 20000 respectively. They decided to use 5% of the total profit for Charity and they equally add 5% of the total profit in their investment. Remaining profit is distributed among them as per their investment ratio. If they earn Rs. 10000 in the first year and Rs. 8044.44 in the second year, then find the total profit of A.

1. 10540
2. 13260
3. 12620
4. 13456
5. None of the above

Correct Option - **3**

Que. 66 **Directions:** Read the given information carefully and answer the following questions.

Six persons Hema, Nina, Keshav, Rani, Sam, and Tabu are sitting in a linear row. They all like different games Battlefield, Combat, Duty, Free Fire, Minecraft, and Pubg. All of them are facing north direction. Nina likes Minecraft and not more than two persons are sitting to the left of Nina. One person sits between Nina and Hema. The person who likes Pubg is sitting to the immediate right of Keshav. The number of persons sitting between Rani and Keshav is one less than the number of persons sitting to the right of Hema. Keshav and the person who like Pubg are not sitting at the extreme end. The person who likes Duty is sitting immediately right of Sam. Two persons sit between the person who likes Combat and Duty. The person who likes Free Fire is not an immediate neighbor of the one who likes Duty.

Which of the following statement is not true?

1. Two persons are sitting between the one who likes Pubg and Free fire
2. Hema is an immediate neighbor of the one who likes Free fire
3. Tabu likes Duty
4. Sam is an immediate neighbor of the one who likes Duty.
5. Nina and the one who likes Combat are immediate neighbors.

Correct Option - **2**

Que. 67 Which of the following combination is true?

1. Tabu - Free fire

2. Sam - Duty
3. Hema - Battlefield
4. Keshav - combat
5. Rani- Pubg

Correct Option - **4**

Que. 68 Who will be immediately right of the person who likes Minecraft, if Rani takes place of Keshav, Keshav takes place of Tabu and Tabu takes place of Rani(the game they like remains the same even after rearrangement)?

1. Tabu
2. Rani
3. Sam
4. Keshav
5. Hema

Correct Option - **2**

Que. 69 How many persons are sitting between the one who likes Duty and Rani?

1. One
2. Either one or two
3. Two
4. Four
5. Three

Correct Option - **4**

Que. 70 Which of the following person sit immediately to the right of the person who likes Combat?

1. Hema
2. Tabu
3. Rani
4. Nina
5. Keshav

Correct Option - **1**

Que. 71 **Directions:** Read the given information carefully and answer the following questions.

If 2 is added to each of the odd digits,3 is subtracted from each of the even digits and we eliminate the second and third terms from the right side in the number '754846813', then the sum of prime numbers is.

1. 17
2. 20
3. 15

4. 12

5. 18

Correct Option - **2**

Que. 72 | **Direction:** Read the following information carefully and answer the given questions.

If it is possible to make a meaningful four-letter English word from the third, fifth, sixth, and eighth from the left end of the word "DIABETES", then which of the following will be the second letter of that word from the right end? If more than one such word can be made then give 'Z' as the answer and if no such word can be formed then give 'X' as the answer.

1. S

2. A

3. E

4. X

5. Z

Correct Option - **5**

Que. 73 | **Direction**: Read the following information carefully and answer the given questions.

Eight persons are sitting at the circle table. Four persons are facing inside and four outside. P is sitting second to the right of Q. F is sitting third to the left of P. The neighbors of F are facing outward. Three persons are sitting between R and S. F is to the immediate left of G. The neighbors of T are facing the same direction. More than two persons are sitting between Q and T when counting from the left of T. The neighbors of S are facing opposite directions. U and the one who is sitting immediately right of S is facing inward direction.

Which of the following statement is true with respect to the seating arrangement?

1. T is facing inside.

2. F and G are facing same directions.

3. Q and S are immediate neighbors.

4. R is sitting second to the right of U.

5. Immediate neighbors of Q are facing same directions.

Correct Option - **4**

Que. 74 | What is T's position with respect to P?

1. Second to the left

2. Immediate right

3. Immediate left

4. Second to the right

5. Third to the right

Correct Option - **1**

Que. 75 | Who amongst the following sits exactly between G and Q(and is also their neighbor)?

1. P
2. U
3. F
4. T
5. R

Correct Option - **5**

Que. 76 How many persons are seated between F and R(counting to the right of R)?

1. Five
2. Three
3. Two
4. One
5. Four

Correct Option - **1**

Que. 77 Who is sitting second to the left of S?

1. F
2. T
3. U
4. Q
5. G

Correct Option - **1**

Que. 78 **Directions:** In the following question assuming the given statements to be true, find which of the conclusions among the given conclusions is/are true and then give your answers accordingly.

Statement:

T ≥ L ≥ N < I = V ≤ M ≤ Q ≤ B

Conclusions:

I. N > V

II. B ≥ I

1. Only I
2. Neither I nor II
3. Only II
4. Both I and II
5. Either I or II

Correct Option - **3**

Que. 79 **Directions:** In the following question assuming the given statements to be true, find which of the conclusions among the given conclusions is/are true and then give your answers accordingly.

Statement:

$Y > O > W = I \geq S > N = X \leq P$

Conclusions:

I. $P > N$

II. $O \geq S$

1. Either I or II
2. Only I
3. Only II
4. Both I and II
5. Neither I nor II

Correct Option - **5**

Que. 80 **Directions:** In the following question assuming the given statements to be true, find which of the conclusions among the given conclusions is/are true and then give your answers accordingly.

Statement:

$T < Y < I = U \geq P > Q = M < R$

Conclusions:

I. $I < R$

II. $R \leq I$

1. Only II
2. Neither I nor II
3. Both I and II
4. Only I
5. Either I or II

Correct Option - **5**

Que. 81 **Direction:** Read the following information carefully and answer the given questions.

There are six boxes P, Q, R, S, T, and U they have different colors Red, yellow, black, white, green, and violet but not necessarily in the same order. They are kept one above another in the stack. There is one box between Box P and the one with a Yellow color. The box which has Red is immediately below the box which has a yellow color. There is one box between the boxes with Red color and Box Q. There are as many boxes above one with White color as the below Box S. Box S is below white. The one which has Green color is immediately above the one which has Violet but immediately below Box T. Three boxes are between Box U and the one which has Black color. Box Q does not have a Violet color.

Which of the following statements is/are true?

I. Box T is yellow in color.

II. The one that has a Black color is adjacent to Box Q.

III. Two boxes are above the one that has the Red color.

1. Only II
2. Only III
3. Both I and II
4. Only I
5. Both II and III

Correct Option - **2**

Que. 82 How many boxes are between the one that has Red color and Box S?

1. Three
2. One
3. Two
4. Four
5. Five

Correct Option - **3**

Que. 83 How many boxes are kept above box of the one that has Violet color?

1. Two
2. Three
3. One
4. Five
5. Four

Correct Option - **5**

Que. 84 Which of the following combination is true?

1. Q-White
2. P-Red
3. S- Violet
4. T- Black
5. U- Green

Correct Option - **1**

Que. 85 Which of the following box is kept on the bottommost position?

1. P
2. The one who has black color
3. Q
4. The one who has Red color
5. T

Correct Option - **2**

Que. 86 **Direction:** In the question below are given three statements followed by two conclusions numbered I and II. 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 following conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Maximum Bulb is Tubelight

No Tubelight is a Lamp

Some Lamp is headlight.

Conclusion:

I. Some Headlight is not Tubelight.

II. Some Bulb is not Lamp

1. Only II follows
2. Either I or II follows
3. Neither I nor II follows
4. Only I follows
5. Both I and II follows

Correct Option - **5**

Que. 87 **Direction:** In the question below are given three statements followed by two conclusions numbered I and II. 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 following conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Only AC is Cooler.

Only a few ACs are fans.

Some Fan is not Fridge.

Conclusions:

I. Some Fridge is not Fan.

II. Some Cooler being Fridge is a possibility.

1. Only II follows
2. Both I and II follows
3. Neither I nor II follows
4. Either I or II follows
5. Only I follows

Correct Option - **3**

Que. 88 **Direction:** In the question below are given three statements followed by two conclusions numbered I and II. 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 following conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some Doctors are not Scientist

Some Scientists are Pilots.

Only a few Lawyers are Doctors

Conclusion:

I. Some Scientists are doctors.

II. Some Lawyers being Pilots is a possibility.

1. Both I and II follows
2. Only I follows
3. Neither I or II follows
4. Only II follows
5. Either I or II follows

Correct Option - **4**

Que. 89 **Direction:** Read the following information carefully and answer the given questions.

How many pairs of letters are there in the word "BETRAYAL" each of which has as many letters between them as in the English alphabetical series (both forward and backward direction) as they have between them in the English alphabetical series?

1. Two
2. None
3. One
4. Three
5. Four

Correct Option - **2**

Que. 90 **Direction:** Read the following information carefully and answer the given questions.

A certain number of people are sitting in a straight horizontal row, facing to the north direction. Seven persons are sitting between W and Q. W sits at the extreme end of the row. The number of persons sitting between W and C is double the number of persons sitting between C and P. K is sitting fifth to the left of P. Three persons are sitting between T and K. T and P are not immediate neighbors. Two persons are sitting between C and F. F is the immediate neighbor of M. C is sitting to the immediate right of Q. Two persons are sitting to the left of T. F is not an immediate neighbor of P and Q. Not more than two persons are sitting between Q and M.

How many persons are sitting between W and C?

1. Four
2. Two
3. Six
4. Eight
5. Ten

Que. 91 Who among the following sits third to the right of the ninth person from the right end?

1. the person who is an immediate neighbor of C.
2. the one who is an immediate neighbor of F.
3. the one who is sitting second to the left of Q
4. the one who is sitting second to the right of T.
5. the one who is sitting exactly in the middle of P and M.

Correct Option - **2**

Que. 92 How many persons are sitting in a row?

1. 21
2. 19
3. 20
4. 23
5. 17

Correct Option - **4**

Que. 93 **Direction:** Read the following information carefully and answer the given questions.

Ten persons Amar, Bhumi, Dia, Gia, Kia, Mahi, Neha, Puspa, Romi, and Suman live in the apartment which contains five floors but not necessarily in the same order. Each floor has two flats ie; Flat A and Flat B from west to east. Five floors are considered as Floor 1, Floor 2, Floor 3, and so on from bottom to top. One person lives in each flat. Flat A of Floor 1 is exactly below Flat B of Floor 2 and Flat A of Floor 1 is to the immediate left of Flat B of Floor 1 and so on.

Two floors are between the Kia and Dia floors. Suman lives two floors above Dia and both live in the same flat. Bhumi lives to the west of Puspa on the odd floor number. Romi lives on Floor 4 of Flat A. Neha does not live in the same flat as Bhumi not on the same floor as Kia, who lives two floors above Gia in the same flat. Amar does not live on Flat A. Amar does not live adjacent to the floors of Gia.

Four of the following five are in the same group, who among the following person is not belongs to that group?

1. Pushpa
2. Neha
3. Amar
4. Gia
5. Suman

Correct Option - **4**

Que. 94 How many Floors are there in between Bhumi and Kia?

1. One
2. Either Two or Three

3. Two
4. Either One or Two
5. Three

Correct Option - **5**

Que. 95   If Gia is related to Dia and Romi is related to Neha. In that same way, who is related to Pushpa?

1. Mahi
2. Amar
3. Kia
4. Neha
5. Bhumi

Correct Option - **1**

Que. 96   What is the position of Mahi?

1. Floor 3 of Flat B
2. Floor 5 of Flat A
3. Floor 4 of Flat B
4. Floor 2 of Flat A
5. Floor 1 of Flat B

Correct Option - **4**

Que. 97   Which of the following person lives to the east of Romi?

1. Bhumi
2. Suman
3. Mahi
4. Kia
5. Gia

Correct Option - **2**

Que. 98   **Direction:** Read the following information carefully and answer the given questions.

Car T starts from point A and travels towards the south for 10 KM and reaches point B. From B it takes a left turn and travels for 15 KM to reach point C. From Point C it takes a left turn and travels for 8 KM to reach Point D. From D it turns left and travels 20 KM to reach a point E. From E it turns towards the left and reaches point F after traveling 11 KM. From F it takes a left turn and travels 10 KM to reach a point G. From G it takes a left turn and travels 7 KM to reach a point H. From H it takes a left turn and travels 3 KM to reach its final destination.

In which direction point F is with respect to B?

1. South West

2.   North
   3.   North West
   4.   South
   5.   South East

Correct Option - **1**

Que. 99 What is the shortest distance between point E and G?

   1.   √201
   2.   √241
   3.   √270
   4.   √221
   5.   √220

Correct Option - **4**

Que. 100 In which of the direction Point D is from point G?

   1.   North
   2.   South
   3.   South West
   4.   North East
   5.   South East

Correct Option - **4**