

# **CONTENTS**

- 1. A NOTE TO THE STUDENT**
- 2. ABOUT THE EBOOK**
- 3. ANSWER KEY AND EXAM ANALYSIS**
  - 4. Chapter-Wise Analysis**
  - 5. Difficulty Level**
- 6. OFFICIAL QUESTION PAPER - 2024**

## **A NOTE TO THE STUDENT**

The General Test plays a key role in getting ready for the CUET UG examinations. It covers a wide range of topics like Quantitative Aptitude, Logical Reasoning and General Awareness. Some students might find it tough because of the vast syllabus and limited time, but practising effectively can help. The National Testing Agency (NTA) conducts the CUET General Test, which is an important part of the CUET UG exams.

## **ABOUT THE EBOOK**

This ebook offers a detailed analysis of the CUET General Test, written by experts in the field. Candidates can review this analysis and compare it with their exam performance to understand their performance. The analysis covers crucial aspects like the answer key, chapters from which questions were taken, and the overall difficulty level of each question, giving insight into the exam's overall difficulty. Candidates need to conduct this exam analysis afterwards as it helps them stay ahead of the competition.

# **CUET UG General Test 2024 ANSWER KEY AND**

## **EXAM ANALYSIS**

| Q. No. | Answer Key | Chapter                                                | Difficulty Level |
|--------|------------|--------------------------------------------------------|------------------|
| 1      | 2          | Number System-Quantitative Aptitude                    | Medium           |
| 2      | 4          | Statement Conclusion-Logical - Reasoning               | Easy             |
| 3      | 2          | Percentage-Quantitative Aptitude                       | Medium           |
| 4      | 3          | Averages and Mixtures-Quantitative Aptitude            | Medium           |
| 5      | 3          | Time, Speed and Distance-Quantitative Aptitude         | Medium           |
| 6      | 3          | Time, Speed and Distance-Quantitative Aptitude         | Medium           |
| 7      | 2          | Profit and Loss-Quantitative Aptitude                  | Medium           |
| 8      | 2          | Percentage-Quantitative Aptitude                       | Medium           |
| 9      | 1          | Number System-Quantitative Aptitude                    | Medium           |
| 10     | 3          | Number System-Quantitative Aptitude                    | Difficult        |
| 11     | 3          | Ratio, proportion, and variation-Quantitative Aptitude | Easy             |
| 12     | 1          | Time and Work-Quantitative Aptitude                    | Medium           |
| 13     | 3          | Ratio, proportion, and variation-Quantitative Aptitude | Medium           |
| 14     | 2          | Geometry-Quantitative Aptitude                         | Medium           |
| 15     | 2          | Interest-Quantitative Aptitude                         | Medium           |
| 16     | 3          | Algebra-Quantitative Aptitude                          | Medium           |
| 17     | 1          | Profit and Loss-Quantitative Aptitude                  | Medium           |
| 18     | 4          | Geometry-Quantitative Aptitude                         | Difficult        |
| 19     | 2          | Chemistry-General Knowledge, Current Affairs           | Easy             |
| 20     | 3          | National Events-General Knowledge, Current Affairs     | Easy             |
| 21     | 1          | Books & Authors-General Knowledge, Current Affairs     | Easy             |
| 22     | 4          | National Events-General Knowledge, Current Affairs     | Medium           |
| 23     | 3          | Indian Art And Culture-General Knowledge,              | Easy             |

|    |   |                                                                    |        |
|----|---|--------------------------------------------------------------------|--------|
|    |   | Current Affairs                                                    |        |
| 24 | 1 | Indian Geography-General Knowledge, Current Affairs                | Medium |
| 25 | 2 | Sports-General Knowledge, Current Affairs                          | Easy   |
| 26 | 1 | Indian Geography-General Knowledge, Current Affairs                | Easy   |
| 27 | 4 | International Events-General Knowledge, Current Affairs            | Easy   |
| 28 | 4 | Economics-General Knowledge, Current Affairs                       | Easy   |
| 29 | 1 | Indian Geography-General Knowledge, Current Affairs                | Easy   |
| 30 | 3 | Important Decades, Years & Days-General Knowledge, Current Affairs | Easy   |
| 31 | 2 | Indian Polity And Constitution-General Knowledge, Current Affairs  | Medium |
| 32 | 1 | Sports-General Knowledge, Current Affairs                          | Easy   |
| 33 | 2 | Sports-General Knowledge, Current Affairs                          | Easy   |
| 34 | 3 | Honours & Awards-General Knowledge, Current Affairs                | Easy   |
| 35 | 4 | World History-General Knowledge, Current Affairs                   | Medium |
| 36 | 3 | Honours & Awards-General Knowledge, Current Affairs                | Easy   |
| 37 | 4 | Indian History-General Knowledge, Current Affairs                  | Easy   |
| 38 | 2 | Honours & Awards-General Knowledge, Current Affairs                | Easy   |
| 39 | 4 | World History-General Knowledge, Current Affairs                   | Easy   |
| 40 | 4 | Books & Authors-General Knowledge, Current Affairs                 | Easy   |
| 41 | 2 | Books & Authors-General Knowledge, Current Affairs                 | Medium |
| 42 | 3 | National Events-General Knowledge, Current Affairs                 | Easy   |
| 43 | 2 | Important Decades, Years & Days-General Knowledge, Current Affairs | Easy   |
| 44 | 3 | Important Decades, Years & Days-General Knowledge, Current Affairs | Easy   |
| 45 | 4 | Missing Number-Logical - Reasoning                                 | Easy   |
| 46 | 2 | Analogy-Logical - Reasoning                                        | Medium |
| 47 | 1 | Clock-Logical - Reasoning                                          | Easy   |

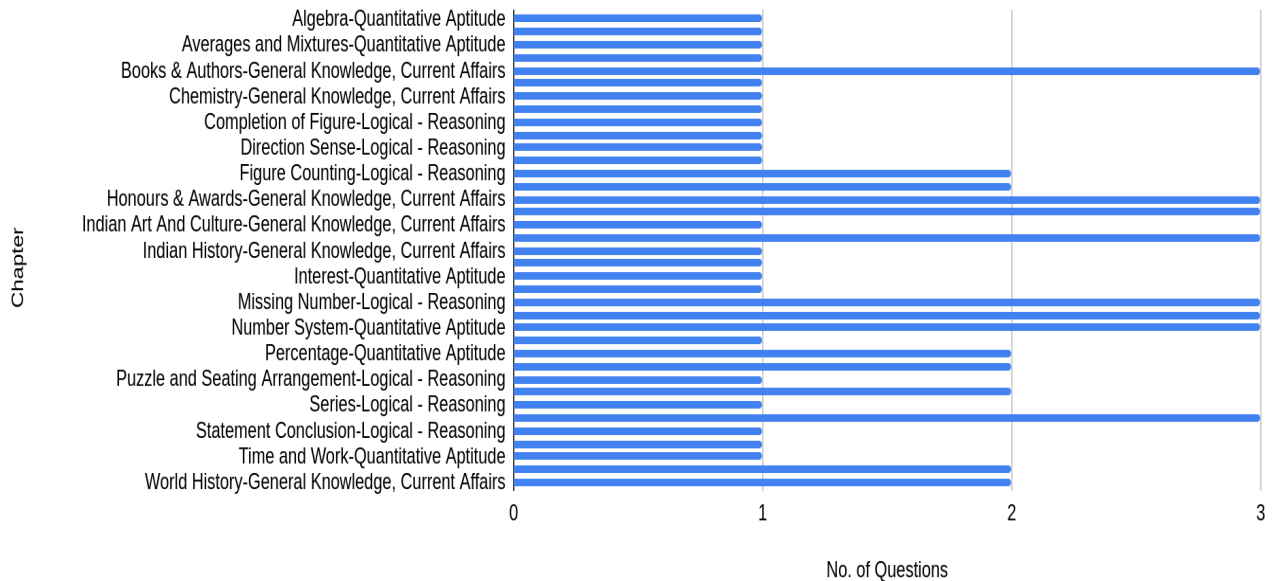
|    |   |                                                    |        |
|----|---|----------------------------------------------------|--------|
| 48 | 2 | Calendar-Logical - Reasoning                       | Easy   |
| 49 | 4 | Series-Logical - Reasoning                         | Easy   |
| 50 | 4 | Missing Number-Logical - Reasoning                 | Easy   |
| 51 | 2 | Syllogism-Logical - Reasoning                      | Easy   |
| 52 | 1 | Puzzle and Seating Arrangement-Logical - Reasoning | Medium |
| 53 | 2 | Figure Counting-Logical - Reasoning                | Medium |
| 54 | 2 | Order and Ranking-Logical - Reasoning              | Easy   |
| 55 | 1 | Blood Relation-Logical - Reasoning                 | Easy   |
| 56 | 4 | Missing Number-Logical - Reasoning                 | Easy   |
| 57 | 1 | Cubes and Dices-Logical - Reasoning                | Easy   |
| 58 | 3 | Figure Counting-Logical - Reasoning                | Easy   |
| 59 | 1 | Completion of Figure-Logical - Reasoning           | Easy   |
| 60 | 4 | Direction Sense-Logical - Reasoning                | Medium |

## **Chapter-Wise Analysis**

| <b>Chapter</b>                                                     | <b>No. of Questions</b> |
|--------------------------------------------------------------------|-------------------------|
| Algebra-Quantitative Aptitude                                      | 1                       |
| Analogy-Logical - Reasoning                                        | 1                       |
| Averages and Mixtures-Quantitative Aptitude                        | 1                       |
| Blood Relation-Logical - Reasoning                                 | 1                       |
| Books & Authors-General Knowledge, Current Affairs                 | 3                       |
| Calendar-Logical - Reasoning                                       | 1                       |
| Chemistry-General Knowledge, Current Affairs                       | 1                       |
| Clock-Logical - Reasoning                                          | 1                       |
| Completion of Figure-Logical - Reasoning                           | 1                       |
| Cubes and Dices-Logical - Reasoning                                | 1                       |
| Direction Sense-Logical - Reasoning                                | 1                       |
| Economics-General Knowledge, Current Affairs                       | 1                       |
| Figure Counting-Logical - Reasoning                                | 2                       |
| Geometry-Quantitative Aptitude                                     | 2                       |
| Honours & Awards-General Knowledge, Current Affairs                | 3                       |
| Important Decades, Years & Days-General Knowledge, Current Affairs | 3                       |
| Indian Art And Culture-General Knowledge, Current Affairs          | 1                       |
| Indian Geography-General Knowledge, Current Affairs                | 3                       |
| Indian History-General Knowledge, Current Affairs                  | 1                       |
| Indian Polity And Constitution-General Knowledge, Current Affairs  | 1                       |
| Interest-Quantitative Aptitude                                     | 1                       |
| International Events-General Knowledge, Current Affairs            | 1                       |
| Missing Number-Logical - Reasoning                                 | 3                       |
| National Events-General Knowledge, Current Affairs                 | 3                       |
| Number System-Quantitative Aptitude                                | 3                       |
| Order and Ranking-Logical - Reasoning                              | 1                       |
| Percentage-Quantitative Aptitude                                   | 2                       |

|                                                        |           |
|--------------------------------------------------------|-----------|
| Profit and Loss-Quantitative Aptitude                  | 2         |
| Puzzle and Seating Arrangement-Logical - Reasoning     | 1         |
| Ratio, proportion, and variation-Quantitative Aptitude | 2         |
| Series-Logical - Reasoning                             | 1         |
| Sports-General Knowledge, Current Affairs              | 3         |
| Statement Conclusion-Logical - Reasoning               | 1         |
| Syllogism-Logical - Reasoning                          | 1         |
| Time and Work-Quantitative Aptitude                    | 1         |
| Time, Speed and Distance-Quantitative Aptitude         | 2         |
| World History-General Knowledge, Current Affairs       | 2         |
| <b>Grand Total</b>                                     | <b>60</b> |

### General Test - 29th May 2024: No. of Questions vs. Chapter

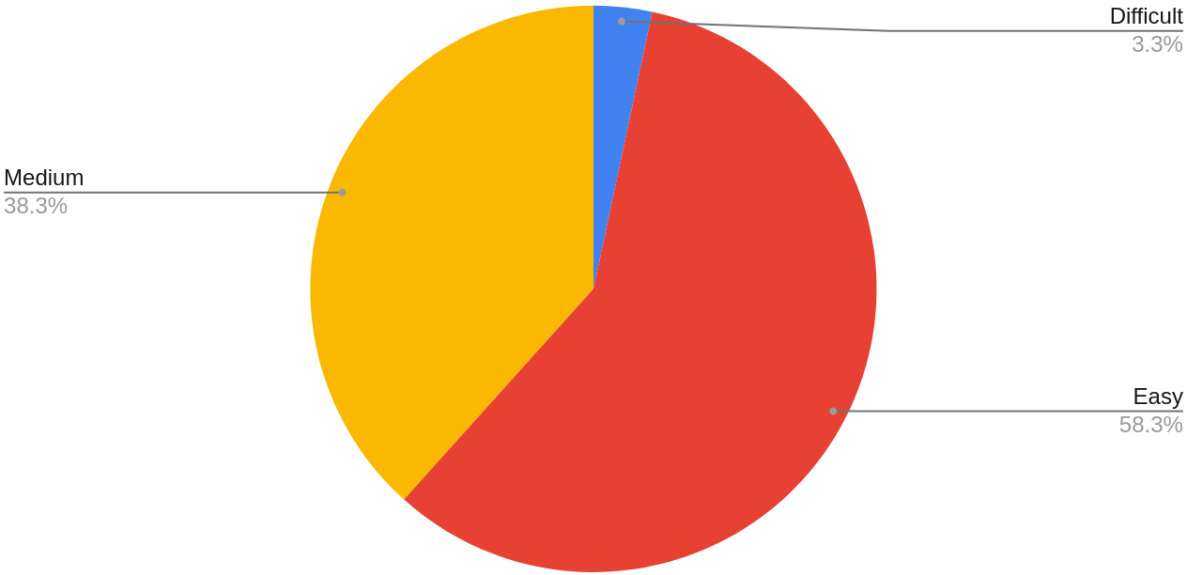




# Difficulty Level

| Difficulty Level | No. of Questions |
|------------------|------------------|
| Difficult        | 2                |
| Easy             | 35               |
| Medium           | 23               |
| Grand Total      | 60               |

General Test - 29th May 2024: No. of Questions - Difficulty Level



# CUET UG General Test 2024 QUESTION PAPER

## SET - A

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1. The sum of the digits of a two-digit number is 10. If 18 is subtracted from it, the digits in the resulting number will be equal. The number is :

(1) 75  
 (2) 73  
 (3) 65  
 (4) 64

2. In the given question, a statement is given followed by some conclusions. Choose the conclusion(s) which logically follow(s) the given statement.

Statement :  
 Few shops on this road have neon lights, but they all have signboards.

Conclusions :  
 I. Some shops have either signboards or neon lights.  
 II. Some shops have no signboards.  
 III. Some shops have no neon lights.  
 IV. Some shops have both signboards and neon lights.

The conclusion(s) correctly drawn is/are :

(1) IV alone  
 (2) I alone  
 (3) II and III  
 (4) III and IV

3. Anubhav spent 14% of his income on electricity bills, 28% on rent and 18% on shopping. If  $\frac{1}{4}$  of the remaining amount is ₹ 5120, how much did he spend on electricity bills ?

(1) ₹ 7160  
 (2) ₹ 7168  
 (3) ₹ 8160  
 (4) ₹ 9000

4. If the average of p numbers is  $q^2$  and that of q numbers is  $p^2$ , then the average of (p + q) numbers is :

(1)  $\frac{p}{q}$   
 (2)  $p + q$   
 (3)  $pq$   
 (4)  $p - q$

SPACE FOR ROUGH WORK

$\frac{1}{4} \times \frac{14}{100} \times x = 5120$   
 $\frac{x}{10} = 5120$   
 $x = 51200$

$\frac{14}{100} \times 51200 = 7168$

$\begin{array}{r} 512 \\ \times 14 \\ \hline 2048 \\ 5120 \\ \hline 7168 \end{array}$

Candidate's Signature : Kishu

Facsimile signature stamp of the Centre Superintendent :

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5. Ajay walks at a speed of 4 km/hr. He doubles his speed after reaching exactly half way. He walks for 12 hours in all. What is the total distance travelled by him?

- (1) 32 km  
(2) 30 km  
(3) 64 km  
(4) 60 km

$$S = \frac{D}{T} \quad D = S \times T \quad \frac{D}{2} = 4 \times (12 - t) \quad \frac{D}{2} = 8 \times t$$

$$P_1 = 4 \times 8 = 32 \quad P_2 = 8 \times 4 = 32 \quad 1 = \frac{4(12-t)}{8t} \quad 8t = 48 - 4t$$

$$12t = 48 \quad t = 4 \text{ hr} \quad t_1 = 8 \text{ hr}$$

6. Aman can go downstream thrice as fast as he can go upstream between two specific points on a river. If the river flows at 8 kmph, what is the speed of the boat in still water (in kmph)?

- (1) 14 kmph  
(2) 15 kmph  
(3) 16 kmph  
(4) 18 kmph

$$V_D = 3V_U \quad V_D = V_0 + 8 \quad V_U = V_0 - 8$$

$$V_D = 3(V_0 - 8) \quad V_D + V_U = V_0 + V_0 - 8 + 8 = 2V_0$$

$$V_D + V_U = 16 \Rightarrow V_0 = 8$$

7. A shopkeeper earned a profit (in ₹) by selling an item, which is three times the discount offered (in ₹). If the discount offered is 6.25%, what is his profit percentage?

- (1) 20%  
(2) 25%  
(3) 10%  
(4) 12%

$$V_S - V_U = V_0 - V_S \quad 2V_S = V_0 + V_U \Rightarrow V_S = \frac{V_0 + V_U}{2}$$

8. The total population of a town is 50,000. The number of males and females increases by 10% and 15% respectively and consequently the population of the town becomes 56,000. What was the number of males in the town?

- (1) 20,000  
(2) 30,000  
(3) 35,000  
(4) 40,000

$$\left[ \frac{10}{100} \times M \right] + \left[ \frac{15}{100} \times (50,000 - M) \right] = 6,000$$

$$10M + 15(50,000 - M) = 600,000$$

$$750,000 - 60,000M = 600,000 \quad 150,000 = 15M \quad M = 10,000$$

9. A 6-digit number has digits as consecutive natural numbers. The number is always divisible by:

- (1) 3  
(2) 4  
(3) 5  
(4) 2

$$1,50,000 = 5! \quad m = 30,000$$

10. The average of 101 consecutive odd numbers is 503. Find the largest number.

- (1) 373  
(2) 401  
(3) 403  
(4) 409

11. If  $A : B = 5 : 6$  and  $B : C = 6 : 7$ , then  $A + B : B + C : A + C$  is:

- (1) 10 : 12 : 11  
(2) 9 : 11 : 10  
(3) 11 : 13 : 12  
(4) 19 : 21 : 20

SPACE FOR ROUGH WORK

$$2 \times \frac{6.25}{100} \times P = P$$

$$\frac{15}{100} \times \frac{15}{100} \times \frac{15}{100}$$

501 E (New) A

(4)

12. Aman can do 50% of the job in 16 days, and Bhanu can do 25% of the job in 24 days. In how many days can they do  $\frac{1}{4}$  of the job working together?

- (1) 6 days  
(2) 8 days  
(3) 10 days  
(4) 12 days

13. In 80 litres mixture of milk and water, the ratio of amount of milk to that of amount of water is 7 : 3. In order to make this ratio 2 : 1, how many litres of water should be added?

- (1) 5 litres  
(2) 6 litres  
(3) 4 litres  
(4) 10 litres

$$\begin{aligned} \triangle PQR \quad & A=30 \\ & P+90=180 \\ & P=80 \end{aligned}$$

14. In a triangle PQR, if  $\angle P + \angle R = 150^\circ$  and  $\angle P + 3\angle Q = 170^\circ$ , then  $\angle P$  is equal to:

- (1)  $70^\circ$   
(2)  $80^\circ$   
(3)  $75^\circ$   
(4)  $65^\circ$

15. Aman invested ₹ (P + 3000) for 3 years at 8% simple interest. Anuj invested an amount of ₹ P for 2 years at 12% compound interest and received the same amount of interest as Aman received. Find the amount that is invested by Anuj.

- (1) ₹ 45,000  
(2) ₹ 50,000  
(3) ₹ 55,000  
(4) ₹ 60,000

$$\begin{aligned} & 90 \\ & - 30 \\ & \hline & 60 \end{aligned}$$

16. In the Delhi zoo, there are some ducks and rabbits. If the heads are counted there are 160, while the legs are 450. What will be number of ducks in the zoo?

- (1) 90  
(2) 92  
(3) 95  
(4) 99

$$\begin{aligned} D &= 72 \\ R &= 94 \end{aligned}$$

$$\begin{aligned} D+R &= 160 \\ 2D+4R &= 450 \end{aligned}$$

$$\begin{aligned} 2R &= 130 \\ R &= 65 \end{aligned}$$

17. Ankit and Raju decided to start a business and they invested ₹ 5500 and ₹ 6500 respectively. After 11 months, the difference between their profits is ₹ 680. Find the total profit.

- (1) ₹ 8160  
(2) ₹ 7260  
(3) ₹ 7000  
(4) ₹ 6500

SPACE FOR ROUGH WORK



01 E (New)/A

(5)

8. PQR is a triangle. The bisectors of the internal angle  $\angle Q$  and external angle  $\angle R$  intersect at M. If  $\angle QMR = 40^\circ$ , then  $\angle P$  is :

- (1)  $75^\circ$  (2)  $60^\circ$   
(3)  $65^\circ$  (4)  $80^\circ$

$\angle P = 180 - Q - R$   
 $\frac{Q}{2} + \frac{R}{2} + 40 = 180$   
 $\frac{Q+R}{2} = 140$   
 $Q+R = 280$   
 $Q-R = 100$   
 $\frac{Q}{2} + \frac{180-R}{2} + 40 = 180$   
 $Q + 180 - R + 80 = 360$   
 $Q - R = 100$

9. What is the name of the alloy which is obtained after mixing mercury with another metal ?

- (1) Solder (2) Amalgam ✓  
(3) Duralumin (4) Pewter

10. What is the name of the scheme launched by the Defence Minister at DefConnect 2024 to foster innovation in defence technology ?

- (1) INNOVATE (2) TECHBOOST  
(3) ADITI (4) DEFEND

11. Who is the author of the book "Kashmir : Travels in Paradise on Earth" ?

- (1) Romesh Bhattacharji (2) Vikram Seth  
(3) Jhumpa Lahiri (4) Shamas Faqir

12. Which state became the 25<sup>th</sup> state of India on 30<sup>th</sup> May, 1987 ?

- (1) Telangana (2) Haryana  
(3) Gujarat (4) Goa

13. Which of these temples is not located in Uttarakhand ?

- (1) Nanda Devi (2) Surkanda Devi  
(3) Kalighat Kali (4) Tungnath

14. Which of these states do not share a border with Chhattisgarh ?

- (1) Karnataka (2) Madhya Pradesh  
(3) Telangana (4) Jharkhand

SPACE FOR ROUGH WORK

501 E (New)

( 6 )

25. Which bowler became second Indian bowler to take 500 wickets in Test matches in February, 2024 ?

- (1) Harbhajan Singh (2) Ravichandran Ashwin  
(3) Ishant Sharma (4) Mohammed Shami

26. Which one of the following rivers is not included in 'Panchnad - The five rivers of Punjab' ?

- (1) The Luni (2) The Jhelum  
(3) The Chenab (4) The Sutlej

27. Where was the 15<sup>th</sup> BRICS Summit-2023 organised?

- (1) South Africa (2) Brazil  
(3) Russia (4) China

28. Match List I with List II :

| List I<br>Indian Notes (New Currency) | List II<br>Pictures     |
|---------------------------------------|-------------------------|
| (A) ₹ 10                              | (I) Ellora Caves        |
| (B) ₹ 100                             | (II) Konark, Sun Temple |
| (C) ₹ 500                             | (III) Rani Ki Vav       |
| (D) ₹ 20                              | (IV) Raichur Fort       |

Choose the correct answer from the options given below :

- (1) (A) - (II), (B) - (III), (C) - (I), (D) - (IV)  
(2) (A) - (III), (B) - (I), (C) - (IV), (D) - (II)  
(3) (A) - (I), (B) - (IV), (C) - (III), (D) - (II)  
(4) (A) - (II), (B) - (III), (C) - (IV), (D) - (I)

29. From the given options, name the longest river in Asia.

- (1) Yangtze River (2) Lena River  
(3) Indus River (4) Brahmaputra River

SPACE FOR ROUGH WORK

Facsimile signature stamp of the Centre Superintendent :

Invigilator's Signature :

501 E (New)/A

(7)

30. Arrange the following important days according to their chronological order from January to December :

- A. Indian Airforce Day
- B. Kargil Victory Day
- C. World Soil Day
- D. National Youth Day
- E. International Women's Day

Select the correct answer from the options given below :

- (1) A - D - B - C - E
- (2) D - E - B - A - C
- (3) D - B - E - C - A
- (4) E - A - D - C - B

31. Which Railway Minister from the following, resigned immediately after the 1956 Ariyalur train accident ?

- (1) Jagjivan Ram
- (2) Lal Bahadur Shastri
- (3) S.K. Patil
- (4) Lalit Narayan Mishra

32. Which of the following countries won the FIH Hockey Men's World Cup 2023 ?

- (1) Germany
- (2) Netherlands
- (3) Belgium
- (4) Australia

33. Who won the title of the 6<sup>th</sup> Khelo India Youth Games 2024 ?

- (1) Haryana
- (2) Maharashtra
- (3) Karnataka
- (4) Tamil Nadu

34. In January 2024, which Indian state was the host of the Purple Fest, the first inclusive festival for persons with disabilities ?

- (1) Goa
- (2) Gujarat
- (3) Kerala
- (4) Maharashtra

SPACE FOR ROUGH WORK

INTERNATIONAL SCHOOL

501 E (New)A

(8)

35. In December 2023, Sultan Haitham bin Tarik was on a State visit to India. He is the Sultan and Prime Minister of which country ?

- (1) Iran
- (2) Yemen
- (3) Qatar
- (4) Oman

36. Which of the following states launched the 'Mukhyamantri Seekho-Kamao Yojana' (MMSKY) in 2023 ?

- (1) Uttar Pradesh
- (2) Himachal Pradesh
- (3) Madhya Pradesh
- (4) Bihar

37. Rabindranath Tagore had renounced his knighthood because \_\_\_\_\_.

- (1) of execution of Bhagat Singh
- (2) of Chauri-Chaura incident
- (3) he wanted to join the Congress
- (4) of the Jallianwala Bagh tragedy

38. In which of the following cities of Madhya Pradesh was the 17<sup>th</sup> edition of Pravasi Bharatiya Divas (PBD) organized ?

- (1) Bhopal
- (2) Indore
- (3) Jabalpur
- (4) Gwalior

39. In the joint military exercise 'Desert Cyclone', 2024, which two nations collaborated to enhance interoperability through knowledge exchange ?

- (1) India and Qatar
- (2) India and Vietnam
- (3) India and Australia
- (4) India and UAE

SPACE FOR ROUGH WORK



40. Who among the following wrote the book "Guilty Men of India's Partition" ?

- (1) Mahatma Gandhi
- (2) Lala Har Dayal
- (3) Lala Lajpat Rai
- (4) Ram Manohar Lohia

41. Who authored the famous novels, "The Fountainhead" and "Atlas Shrugged" ?

- (1) H.G. Wells
- (2) Ayn Rand
- (3) George Orwell
- (4) J.M. Barrie

42. The Bhoodan-Gramadan Movement started by Vinoba Bhave is also known as \_\_\_\_\_.

- (1) Civil Revolution
- (2) Green Revolution
- (3) Bloodless Revolution
- (4) White Revolution

43. 23 January, the birth anniversary of Netaji Subhas Chandra Bose, is celebrated every year as \_\_\_\_\_.

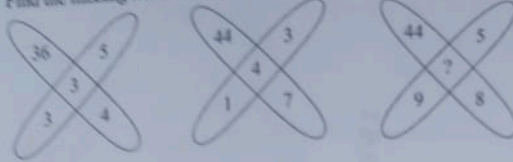
- (1) Shaheed Diwas
- (2) Parakram Diwas
- (3) National Youth Day
- (4) Hindi Diwas

44. 23 December, the birthday of former Prime Minister Chaudhary Charan Singh, is celebrated every year as \_\_\_\_\_.

- (1) Samvidhan Diwas
- (2) National Milk Day
- (3) National Farmers' Day
- (4) Good Governance Day

SPACE FOR ROUGH WORK

45. Find the missing number in the following figure.



(1) 3

(2) 4

(3) 1

(4) 2

46. In the given analogy, choose the number which will replace the question mark (?).

WSH : 5 :: KMI : ?

(1) 3

(2) 7

(3) 5

(4) 2

47. From the given options, at what angle are the hands of a clock inclined at 10 minutes to 2 (Smaller angle) ?

(1)  $115^\circ$ (2)  $65^\circ$ (3)  $120^\circ$ (4)  $112^\circ$ 

48. If 1<sup>st</sup> January, 2001 was a Monday, what was the day on 26<sup>th</sup> January, 2003 ?

(1) Saturday

(2) Sunday

(3) Monday

(4) Wednesday

49. What comes in place of the question mark (?) in the series given below ?

B2D, C3F, E5I, G7N, ?, M13Z

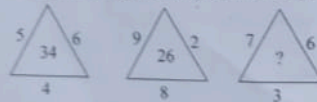
(1) I9R

(2) K11Z

(3) K9W

(4) K11V

50. Which one will replace the question mark (?) ?



(1) 40

(2) 43

(3) 44

(4) 45

SPACE FOR ROUGH WORK

(New)/A

(12)

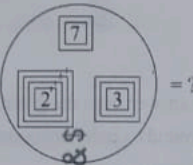
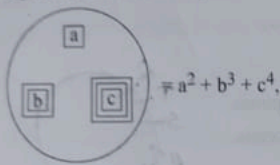
Rakesh is 17<sup>th</sup> from the right and Ankit is 15<sup>th</sup> from the left in a line of students. If they interchange their places, the position of Ankit becomes 19<sup>th</sup> from the left. How many students are there in the line?

- (1) 36  
(2) 35  
(3) 34  
(4) 33

In a family, Bhanu is the father of Kamlesh. Bhanu has only two children. Kamlesh is the brother of Ritu. Ritu is the daughter of Santosh. Aryan is the grandson of Santosh. Sunny is the father of Aryan. How is Sunny related to Bhanu?

- (1) Son-in-law  
(2) Son  
(3) Nephew  
(4) Brother-in-law

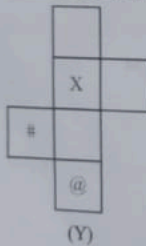
Identify the number that will replace the question mark in the second equation based on the relationship represented in the first equation.



$$7^3 + 2^5 + 3^4 = 343 + 32 + 81$$

- (1) 420  
(2) 92  
(3) 602  
(4) 456

Choose the box that is similar to the box formed from the given sheet of paper (Y).



- (1)   
(2)   
(3)

SPACE FOR ROUGH WORK

58. Find the number of triangles in the given figure.

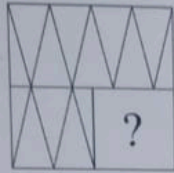


- (1) 14  
(3) 16

① 12  
② 14  
③ 16  
④ 18

- (2) 15  
(4) 18

59. Which option figure will complete the pattern in the given figure ?



① 12  
② 14  
③ 16  
④ 18



(2)



(3)



① 12  
② 14  
③ 16  
④ 18

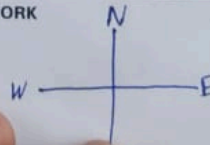
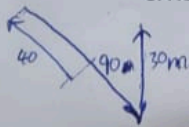


60. A woman leaves her home. She walks 40 m in North-West direction and then 90 m in South-East direction. Then, she moves 30 m in North direction. How far is she now from her initial position ?

- (1) 30 m  
(2) 60 m  
(3) 50 m

(4) 40 m

SPACE FOR ROUGH WORK



$$900 + x^2 = 1600$$

$$x^2 = 1600 - 900$$

$$x^2 = 700$$

$$x = \sqrt{700}$$