

# CUET (UG)

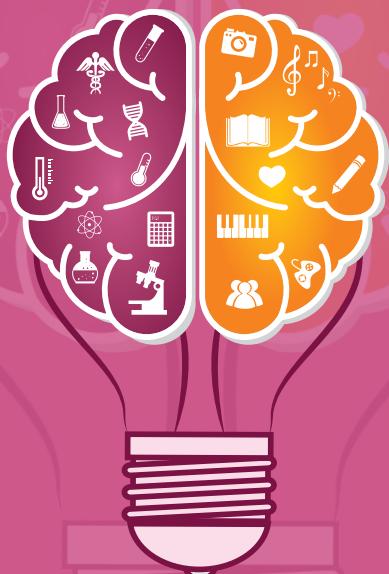


## GENERAL APTITUDE TEST

As Per New NTA Pattern

New  
Modified

### General Test



#### HIGHLIGHTS

- Previous Year Paper Analysis
- CUET NTA Sample Paper with Solutions
- **1000+** Practice Questions with Solutions
- Chapter-wise Past Year Questions
- General Knowledge
- General Mental Ability
- Numerical Ability
- Quantitative Reasoning
- Logical and Analytical Reasoning
- Include General Science and Environment Literacy
- Elaborated Solutions
- Current Affairs with QR Code

**2025**  
EXAMINATION

**4th Edition**  
**CUET 2024 Solved Paper**



Gaurav Kumar

# Paper Analysis



## Chapter-wise Analysis of Question Paper 2024

S. No.	Name of the Chapter	NTA CUET Question Paper 2024	
		Nos. of Que.	%
1.	<b>GENERAL AWARENESS</b>	<b>25</b>	
1.1	History	3	5.00
1.2	Geography	6	10.00
1.3	Indian Polity	2	3.33
1.4	Economy	1	1.67
1.5	Science	3	5.00
1.6	General Knowledge	5	8.33
1.7	Current Affairs	5	8.33
2.	<b>LOGICAL REASONING</b>	<b>18</b>	
2.1	Analogy & Classification	1	1.67
2.2	Series	2	3.33
2.3	Coding & Decoding	2	3.33
2.4	Blood Relations	1	1.67
2.5	Directions & Distance	1	1.67
2.6	Order & Ranking	1	1.67
2.7	Mathematical Operations	-	-
2.8	Logical Sequence of Words	-	-
2.9	Clock & Calendar	2	3.33
2.10	Venn Diagrams & Number Puzzle	1	1.67
2.11	Cube & Dice	-	-
2.12	Statement & Conclusion	2	3.33
2.13	Sitting Arrangement & Puzzle Test	1	1.67
2.14	Non-Verbal Reasoning	4	5.00
3.	<b>NUMERICAL ABILITY</b>	<b>17</b>	
3.1	Number System	2	3.33
3.2	HCF and LCM	1	1.67
3.3	Average & Ages	2	3.33
3.4	Percentage	1	1.67
3.5	Ratio & Proportion and Partnership	1	1.67

S. No.	Name of the Chapter	NTA CUET Question Paper (1 <sup>st</sup> June 2023)	
		Nos. of Que.	%
3.6	Profit, loss & discount	1	1.67
3.7	Time & Work	1	1.67
3.8	Time, Distance & Speed	2	3.33
3.9	Simple Interest & Compound Interest	1	1.67
3.10	Mixture & Alligation	-	-
3.11	Algebra	-	-
3.12	Mensuration	2	3.33
3.13	Geometry	1	1.67
3.14	Trigonometry	1	1.67
3.15	Statistics	1	1.67
3.16	Data Interpretation	-	-

### Syllabus for CUET General Test

**Note:** There will be one Question Paper which will have 50 questions (All Questions are compulsory).

**The Question Paper will contain questions from the following topics:**

- General Knowledge, Current Affairs,
- General Mental Ability, Numerical Ability,
- Reasoning (Simple application of basic mathematical concepts Quantitative arithmetic/algebra geometry/mensuration/statistics),
- Logical and Analytical Reasoning.
- General Science and Environment Literacy

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## Important Current Affairs for CUET 2025 (Jan & Feb.)

Scan this QR Code to download Current Affairs of upcoming months.

### National Affairs

#### President of India Inaugurates the National Tribal Festival ‘Aadi Mahotsav’

- The President of India, Smt Droupadi Murmu inaugurated the National Tribal Festival ‘Aadi Mahotsav’ in New Delhi.

#### Govt launched India’s first indigenous Automated Bio Medical Waste Treatment Plant

- Union Minister Dr. Jitendra Singh launched India’s first indigenous Automated Bio Medical Waste Treatment Plant named “Srijanam” at AIIMS New Delhi to revolutionize biomedical waste management and promote sustainability.

#### 15th edition of Aero India 2025

- Aero India 2025, the 15th edition of Aero India, commenced from 10th to 14th February 2025 at Yelahanka Air Force Station, Bengaluru, Karnataka, India.

#### Ministry of Railways Launches ‘SwaRail’ SuperApp for Beta Testing

- In January 2025, the Ministry of Railways launched the ‘SwaRail’ SuperApp, developed by the Centre for Railway Information Systems (CRIS).

#### Rubber Board Launches Projects iSNR and INR Konnect

- In January 2025, the Rubber Board under the Ministry of Commerce and Industry launched two key initiatives, iSNR (Indian Sustainable Natural Rubber) and the INR Konnect platform, during the platinum jubilee of the Rubber Act, 1947.

#### 18th Pravasi Bharatiya Divas Convention 2025

- The 18th Pravasi Bharatiya Divas Convention was held on January 8-10, 2025, in Bhubaneswar, Odisha.

#### India Officially Joins UN-CEBD

- On 11 January 2025, India became a member of the United Nations Committee of Experts on Big Data and Data Science for Official Statistics (UN-CEBD).

#### India’s First Green Hydrogen Hub Launched in Andhra Pradesh

- In January 2025, the Green Hydrogen Hub (GHH) project was virtually launched by Prime Minister Narendra Modi, which is situated at Pudimadaka, Anakapalli district, Andhra Pradesh.

#### Union Minister Piyush Goyal Launches ‘Bharat Cleantech Manufacturing Platform’

- In January 2025, the Union Minister of Commerce & Industry Piyush Goyal introduced the ‘Bharat Cleantech Manufacturing Platform’ at the Bharat Climate Forum 2025 in New Delhi.

#### Union Minister Piyush Goyal Launches 8th NPOP

- In January 2025, the Union Minister of Commerce & Industry, Piyush Goyal, inaugurated the 8th edition of the National Programme for Organic Production (NPOP) at the Bharat Ratna C. Subramaniam Auditorium in New Delhi.

## **India's First Organic Fisheries Cluster in Sikkim**

- India launched its first Organic Fisheries Cluster in Soreng District, Sikkim.

## **International Affairs**

### **Brazil to join OPEC, group of major oil-exporting nations**

- Brazil's government approved joining OPEC, marking a significant shift as it prepares for the UN climate summit in November 2025.

### **Australian scientists successfully create the first-ever kangaroo embryo using IVF**

- In a historic scientific breakthrough, Australian researchers have successfully created the first-ever kangaroo embryos using in vitro fertilisation (IVF).

### **Panama withdraws from China's Belt and Road Initiative**

- Panama has officially exited China's Belt and Road Initiative (BRI), as announced by President Jose Raul Mulino.

### **Nigeria Joins BRICS as 9th Partner Country**

- In January 2025, under Brazil's BRICS presidency, Nigeria, Africa's largest country and the world's sixth most populous, officially joined BRICS as its 9th Partner Country.

### **Sri Lanka Launch 1st certificate Course in Hindi**

- On 10 January 2025, the Indian High Commission in Colombo introduced Sri Lanka's first Hindi Certificate Course via open and distance education.

### **Pakistan Becomes Non-Permanent Member of UNSC**

- Pakistan began its two-year term (2025-26) as a non-permanent member of the United Nations Security Council (UNSC) on January 1, 2025.

## **Economic Affairs**

### **Union Budget 2025-26**

Union Minister of Finance and Corporate Affairs, Smt. Nirmala Sitharaman, presented the Union Budget 2025-26 with the theme 'Sabka Vikas', focusing on balanced growth across all regions.

### **Meta introduces subsea internet cable Project Water worth to cross over 50,000 km.**

- Meta introduced its internet subsea cable Project Water worth, which will cross 50,000 km in length, the longest subsea cable project globally.

### **RBI Launches 'RBIDATA' App for Seamless Access to Economic and Financial Data**

- The Reserve Bank of India (RBI) launched a mobile app RBIDATA to enhance data transparency and accessibility for researchers, policymakers, financial professionals, and the public.

### **SEBI launches RPT portal to strengthen corporate governance and transparency**

- The Securities and Exchange Board of India (SEBI) has launched a dedicated Related Party Transaction (RPT) portal to enhance transparency and governance in corporate India.

### **SEBI launches MITRA to help investors track unclaimed mutual funds folios**

- SEBI launched a new digital platform called MITRA (Mutual Fund Investment Tracing and Retrieval Assistant) to help investors track and reclaim inactive or unclaimed mutual fund folios.

### **NaBFID Extended Rs 2,000 crore Loan to Blackstone-backed Data Centre**

- In February 2025, Mumbai-based National Bank for Financing Infrastructure and Development (NaBFID) sanctioned a ₹2,000 crore loan to Gramercy Techpark Private Limited.

### **South Indian Bank Unveils ‘Startup Current Accounts’**

- In February 2025, South Indian Bank, based in Thrissur, launched two new startups Current Account products: ‘SIB Business Startup Current Account’ and ‘SIB Corporate Startup Current Account’.

### **IOB Becomes a Signatory of PCAF**

- In February 2025, Indian Overseas Bank (IOB), based in Chennai, joined the Partnership for Carbon Accounting Financials (PCAF), becoming one of the first public sector banks in India to do so.

### **RBI Set-up MK Jain-Led Committee to Evaluate UB & SFB Applications**

- On January 20, 2025, the Reserve Bank of India (RBI) established a five-member Standing External Advisory Committee (SEAC) to evaluate applications for Universal Banks (UBs) and Small Finance Banks (SFBs).

### **DoC Introduces DIA Scheme to Enhance Global Competitiveness of Diamond Sector**

- In January 2025, the Department of Commerce under the Ministry of Commerce and Industry introduced the Diamond Imprest Authorization (DIA) Scheme, effective from 1 April 2025.

### **Bajaj Finance & Bharti Airtel Partner to Launch Digital Financial Services Platform**

- Bharti Airtel and Bajaj Finance have joined forces to create one of India’s largest digital financial services platforms, announced on January 20, 2025.

## **Science and Technology**

### **ISRO and IIT Madras jointly develop indigenous semiconductor chip**

- ISRO and IIT Madras have developed the Indigenous RISCV Controller for Space Applications (IRIS).

### **Ellie, Asia’s first life-sized animatronic elephant, unveiled in Bengaluru**

- Asia’s first empathy-building animatronic elephant, Ellie, visited St Joseph’s School in Bengaluru. The visit is part of a nationwide awareness tour by PETA India.

### **Shubhanshu Shukla to Pilot NASA’s Private Axiom Mission 4**

- In January 2025, ISRO’s astronaut and the Indian Air Force (IAF) fighter pilot, Group Captain Shubhanshu Shukla, was named the pilot for Axiom Mission 4 (Ax-4).

### **Sunita Williams Sets New Record for Longest Spacewalk by a Female Astronaut**

- In January 2025, NASA astronaut Sunita Williams set a new record for the longest total spacewalking time by a female astronaut, with 62 hours and 6 minutes.

### **Digantara Launches World’s 1st Commercial Satellite ‘SCOT’**

- In January 2025, Bengaluru-based aerospace company Digantara, supported by the Aditya Birla Group and SIDBI, launched the world’s first commercial satellite for Space Situational Awareness (SSA), named SCOT (Space Camera for Object Tracking).

### **SpaceX Falcon 9 Launches Blue Ghost & Resilience Lunar Landers**

- On January 15, 2025, a SpaceX Falcon 9 rocket launched from Florida’s Kennedy Space Center, carrying two lunar landers: Blue Ghost, the primary payload led by Texas-based Firefly Aerospace, and Resilience, developed by Japan’s ispace Inc.

### **CSIR Develops Paracetamol Drugs Indigenously**

- The Council of Scientific and Industrial Research (CSIR) has developed new technology to produce Paracetamol indigenously.

## Sports Affairs

### **Pankaj Advani Wins Indian Snooker Championship, 36th National Gold Overall**

- Pankaj Advani won his 36th national title and 10th men's snooker crown at the Yashwant Club. He defeated Brijesh Damani despite losing the opening frame, ultimately winning the match 5-1.

### **Kyrian Jacquet Wins the 2025 Chennai Open Tennis Single Title**

- Kyrian Jacquet of France won the 2025 Chennai Open Tennis men's singles title. Jacquet defeated Elias Ymer of Sweden in the final.

### **6th Men's Hockey India League 2024-25**

- In February 2025, Shrachi Rarh Bengal Tigers won their maiden title by defeating Hyderabad Toofans 4-3 in the final of the 6th Men's Hockey India League 2024-25.

### **India Wins the 'ICC U19 Women's T20 World Cup 2025' for 2nd consecutive time**

- India won the 2nd edition of the ICC Under-19 Women's T20 World Cup 2025, defeating South Africa by 9 wickets in the final at Bayuemas Oval, Kuala Lumpur.

### **R Praggnanandhaa Win 'Tata Steel Chess Masters 2025'**

- On February 2, 2025, Indian Chess Grandmaster R Praggnanandhaa won the 'Tata Steel Chess Masters 2025' title, defeating World Chess Champion D Gukesh in a tiebreaker.

### **Bumrah Wins 'Polly Umrigar Award' 2023-24**

- On February 1, 2025, Jasprit Bumrah won the 'Polly Umrigar Award' for Best International Cricketer (Men) for 2023-24 at the BCCI Awards. Smriti Mandhana received the Best International Cricketer (Women) award for 2023-24.

### **1st Edition of Kho Kho World Cup 2025**

- India clinched both the men's and women's titles at the inaugural Kho Kho World Cup 2025, held from January 13 to 19 at the Indira Gandhi Indoor Stadium, New Delhi.

### **Karnataka Clinches Vijay Hazare Trophy 2024-25**

- The Karnataka cricket team secured their fifth Vijay Hazare Trophy title by defeating Vidarbha by 36 runs in the final of the 23rd edition, at the Kotambi Stadium, Vadodara.

### **Australia Won Border-Gavaskar Trophy 2024-25**

- Australia beat India 3-1 in a 5 match test series at home to win Border-Gavaskar Trophy 2024-25 after 10 years.

## Defence Affairs

### **India, Japan to hold 6th edition of joint military exercise 'Dharma Guardian'**

- The sixth edition of Joint Military Exercise Dharma Guardian, between India and Japan, is scheduled at Mount Fuji, Japan from February 25 to March 9.

### **Goa Shipyard Showcases Indigenous Naval Vessels at NAVDEX 2025**

- Goa Shipyard Ltd (GSL) is showcasing its indigenously designed Fast Patrol Vessels (FPVs) and Offshore Patrol Vessels (OPVs) at NAVDEX 2025 in Abu Dhabi.

### **India- Egypt Joint Special Forces Exercise Cyclone-III begins in Rajasthan**

- The 3rd edition of Joint Special Forces Exercise CYCLONE commenced at Mahajan Field Firing Ranges in Rajasthan. Exercise CYCLONE is an annual event conducted alternatively in India and Egypt.

### **13th Edition of Joint Military Exercise 'Ekuverin'**

- The 13th edition of the joint military exercise 'Ekuverin' between the Indian Army and the Maldives National Defence Force was hosted in the Maldives in February 2025.

# *Previous Year Solved Papers, Current Affairs and Sample Papers*

## **Previous Year Solved Papers**



**SCAN ME!**

Chapter-wise Previous Years' Questions are covered inside this book.  
To practice paper-wise, access through QR code

One Sample Paper has been provided at the end of the book. To get more, scan this QR code



**SCAN ME!**

## **Sample Papers (2-5)**

## **Current Affairs of upcoming months**



**SCAN ME!**

November Current Affairs have been provided inside.  
Scan this QR code to get Monthly Current Affairs of previous and upcoming months



# CUET NTA Previous Year Solved Paper - 2024

## Instructions

Attempt only 50 questions out of the given 60 questions. Each question carries 5 marks. 1 mark will be deducted for a wrong answer.

Full Marks: 250

(Time: 60 Minutes)

### 1. Match List-I with List-II:

List-I (Centre of Handicraft)		List-II (State)	
(A)	Mon	(I)	Arunachal Pradesh
(B)	Nalbari	(II)	Assam
(C)	Pasighat	(III)	Meghalaya
(D)	Tura	(IV)	Nagaland

Choose the correct answer from the options given below.

- (a) (A)-(IV), (B)-(II), (C)-(I), (D)-(III)
- (b) (A)-(I), (B)-(III), (C)-(IV), (D)-(II)
- (c) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (d) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)

### 2. Who has been appointed the Chairman of the 16<sup>th</sup> Finance Commission of India?

- (a) Ajay Narayan Jha
- (b) Smt. Annie George Mathew
- (c) Pradip Kumar Mohanty
- (d) Dr. Arvind Panagariya

### 3. Sri Ranganathaswamy Temple which is situated in Tamil Nadu, is dedicated to which deity?

- (a) Lord Shiva
- (b) Lord Vishnu
- (c) Goddess Durga
- (d) Goddess Lakshmi

### 4. The Election Commission of India gets the power to conduct elections from which of the following articles?

- (a) Article 324
- (b) Article 280
- (c) Article 264
- (d) Article 26

### 5. In which state is “Amchang Wildlife Sanctuary” located?

- (a) Assam
- (b) Rajasthan
- (c) Odisha
- (d) Manipur

### 6. India’s first 3D-printed Post Office has been inaugurated in:

- (a) Guwahati
- (b) Kolkata
- (c) Mumbai
- (d) Bengaluru

### 7. What should come in the place of the question mark (?) in the following alphanumeric series?

A1X, B4P, E25J, J100F, ?

- (a) O289D
- (b) O225E
- (c) Q289D
- (d) Q225E

### 8. In the given analogy, choose the word which will replace the question mark: NEGI: MVTR :: SING: ?

- (a) TRNS
- (b) TRNT
- (c) FRMT
- (d) HRMT

### 9. In a certain code language ‘ki ru pi’ means ‘nobody like cruel’, ‘ki mi cha’ means ‘king was cruel’ and ‘ru pi cha’ means ‘nobody like king’. What is the code for ‘was’ in the given code language?

- (a) ki
- (b) mi
- (c) cha
- (d) ru

**44.** Match List-I with List-II

List-I (Person)		List-II (Area of work)	
(A)	Vishakha-datta	(I)	Medicine
(B)	Kartikeya Sarabhai	(II)	Poet
(C)	Charaka	(III)	Environmentalist
(D)	Satyendra Nath Bose	(IV)	Mathematics

Choose the correct answer from the options given below:

- (a) (A)-(I), (B)-(III), (C)-(IV), (D)-(II)
- (b) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (c) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
- (d) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

45. The following states were formed after 1960. What was the correct sequence of their formation?

(A) Haryana      (B) Sikkim  
(C) Nagaland      (D) Goa

Choose the correct answer from the options given below:

- (a) (C), (B), (A), (D)
- (b) (C), (A), (B), (D)
- (c) (C), (D), (A), (B)
- (d) (D), (C), (A), (B)

46. Out of the given options, which scheme's objective is to conduct an annual survey at the gram panchayat level to monitor the progress in the development process of rural areas?

- (a) Mission Antyodaya (2022-23)
- (b) Mission Karmayogi (2022-23)
- (c) Mission Rashtriya Gokul (2022-23)
- (d) Mission Atmanirbhar Bharat (2022-23)

47. Which one of the following countries is not a member of the “Quadrilateral Security Dialogue”, also known as “QUAD”?

48. Who has become the first woman chairperson of the Railway Board of Indian Railways in 2023?

- (a) Jaya Verma Sinha
- (b) Mita Vashisth
- (c) Ravneet Kaur
- (d) Vasudha Gupta

**49.** Match List-I with List-II

List-I (Country)		List-II (Currency)	
(A)	Myanmar	(I)	Ruble
(B)	Russia	(II)	Ngultrum
(C)	Malaysia	(III)	Kyat
(D)	Bhutan	(IV)	Ringgit

Choose the correct answer from the options given below:

- (a) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)
- (b) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)
- (c) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)
- (d) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)

## 50. “Jhulaghat Suspension Bridge”

between India and which country has become fully operational now?

51. Due to ocean acidification when the ocean becomes more acidic, what happens to the pH level of the ocean?

- (a) The pH level goes down.
- (b) The pH level stays the same.
- (c) The pH level goes up.
- (d) The pH level becomes zero.

52. Who is the first para-athlete to receive the Padma Bhushan award in India?

- (a) Bhavina Patel
- (b) Devendra Jhajharia
- (c) Avani Lekhara
- (d) Mariyappan Thangavelu

53. Zemu Glacier is located in which state of India?

- (a) Uttarakhand
- (b) Himachal Pradesh
- (c) Sikkim
- (d) Arunachal Pradesh

**58.** Match List-I with List-II:

List-I		List-II	
Navy (Institution)		(Place)	
(A)	INS Chika	(I)	Goa
(B)	INS Hansa	(II)	Andhra Pradesh
(C)	INS Satavahana	(III)	Kerala
(D)	INS Garuda	(IV)	Odisha

## Explanation

1. (a) (A)-(IV), (B)-(II), (C)-(I), (D)-(III)

List-I (Centre of Handicraft)		List-II (State)	
(A)	Mon	(IV)	Nagaland
(B)	Nalbari	(II)	Assam
(C)	Pasighat	(I)	Arunachal Pradesh
(D)	Tura	(III)	Meghalaya

2. (d) The Centre constituted the 16<sup>th</sup> Finance Commission on December 31, 2023, naming former Niti Aayog Vice Chairman Arvind Panagariya

Choose the correct answer from the options given below:

(a) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)  
(b) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)  
(c) (A)-(IV), (B)-(I), (C)-(III), (D)-(II)  
(d) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

DRDO has conducted the first successful flight test of Agni-5 missile equipped with MIRV technology. What is the full form of MIRV?

(a) Multiple Independently Targetable Re-Entry Vehicle  
(b) Mission India Target Re-Entry Vehicle  
(c) Multiple Independently Technology Re-Entry Vehicle  
(d) Multiple Indirect Targetable Re-Entry Vehicle

60. Which Indian has won the “Ramon Magsaysay Award-2023”?

- (a) Korvi Rakshand
- (b) Ashwini Kumar
- (c) Dipti Ranjan Sahoo
- (d) Dr. Ravi Kannan R.

as the Chairman. The Sixteenth Finance Commission will submit its recommendations by October 31, 2025.

3. (b) Sri Ranganathaswamy Temple, also known as Thiruvaranga Tirupati, is a famous Vaishnav temple in India dedicated to Ranganatha, a reclining form of Lord Vishnu. Located on the island of Srirangam between the rivers Cauvery and Kollidam, this temple is an important pilgrimage site and is considered the most significant among the 108 Divya Desams dedicated to Lord Vishnu.

4. (a) The Election Commission of India gets the power to conduct elections from Article 324 of the Indian Constitution. This article provides the authority to the Election Commission to supervise, direct, and control the preparation of electoral rolls and the conduct of elections in India.

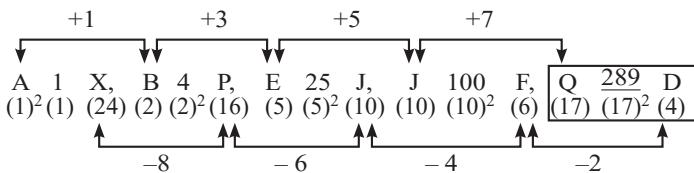
5. (a) Amchang Wildlife Sanctuary is located on the eastern edge of Guwahati in Assam, India. It has tropical moist deciduous and semi-evergreen forests. The sanctuary is home to rare animals like elephants, Chinese pangolins, and leopards, as well as various birds such

as the White-backed vulture and Great pied hornbill. It was established in 2004 by combining three reserved forests and is known for its rich biodiversity.

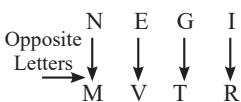
6. (d) India's first 3D-printed Post Office has been inaugurated in Bengaluru. This innovative post office, constructed using 3D printing technology, marks a significant step in the advancement of infrastructure development in India. The 3D printing technique used for the construction is faster, cost-effective, and environmentally friendly, showcasing the potential for modernizing public facilities with cutting-edge technology.

7. (c) Logic:-

- The first letter increases in the order  $+1, +3, +5, +7, \dots$
- The second numbers is the square of positional value of the first letter.
- The third letter decreases in the order  $8, 6, 4, 2, \dots$



8. (d) As,



Similarly,



9. (b)

$\triangle$ ki ru pi  $\rightarrow$  nobody like  $\triangle$ cruel  
 $\triangle$ ki mi  $\square$ cha  $\rightarrow$  king was  $\triangle$ cruel  
 ru pi  $\square$ cha  $\rightarrow$  nobody like king

So, was coded as 'mi'

10. (d)

Symbol	Relation
%	Sister
+	Son
$\times$	Husband
-	Brother

$$A \times U \% S + G$$

$$A^+ = U^- \frac{\text{sister}}{S^+} G$$

Here, A is the son-in-law of G.

11. (b) 26<sup>th</sup> January 2020 = Sunday.

Number of odd days from 26<sup>th</sup> jan 2020 to 16<sup>th</sup> March 2020

$$= \frac{5 + 29 + 16}{7} = \frac{50}{7} = 1 \text{ odd days.}$$

16<sup>th</sup> march 2020 = Sunday + 1 = Monday

## MCQs Based on General Knowledge

1. In which year RBI was established  
(a) 1935 (b) 1940  
(c) 1945 (d) None of these

2. Who was the first Indian to go into space?  
(a) Vikram Ambalal  
(b) Ravish Malhotra  
(c) Rakesh Sharma  
(d) Nagapathi Bhat

3. Who was the first Man to Climb Mount Everest Without Oxygen?  
(a) Junko Tabei  
(b) Reinhold Messner  
(c) Peter Habeler  
(d) Phu Dorji

4. Who built the Jama Masjid?  
(a) Jahangir (b) Akbar  
(c) Imam Bukhari (d) Shah Jahan

5. Who wrote the Indian National Anthem?  
(a) Bakim Chandra Chatterji  
(b) Rabindranath Tagore  
(c) Swami Vivekanand  
(d) None of the above

6. Who was the first Indian Scientist to win a Nobel Prize?  
(a) CV Raman  
(b) Amartya Sen  
(c) Hargobind Khorana  
(d) Subramanian Chandrashekhar

7. Who is first Indian to win a Nobel Prize?  
(a) Rabindranath Tagore  
(b) CV Raman  
(c) Mother Theresa  
(d) Hargobind Khorana

8. Who was the first Indian woman to win the Miss World Title?  
(a) Aishwarya Rai (b) Sushmita Sen  
(c) Reita Faria (d) Diya Mirza

9. Who was the first president of India?  
(a) Abdul Kalam  
(b) Lal Bahadur Shastri  
(c) Dr. Rajendra Prasad  
(d) Zakir Hussain

10. Who was the first Indian to win the Booker Prize?  
(a) Dhan Gopal Mukerji  
(b) Nirad C. Chaudhuri  
(c) Arundhati Roy  
(d) Aravind Adiga

11. Which of the following is the India's biggest River Island?  
(a) Majuli  
(b) Ille a Mofil  
(c) Zhongshan Island  
(d) Chongming Island

12. Which mountain range forms the northern boundary of India?  
(a) Himalayas  
(b) Western Ghats  
(c) Eastern Ghats  
(d) Vindhya Range

13. Which state has Almond as its State Tree?  
(a) Himachal Pradesh  
(b) Goa  
(c) Jammu and Kashmir  
(d) Arunachal Pradesh

14. Which of the following Indian Peninsular River known as 'Dakshin Ganga'?  
(a) The Brahmani (b) The Cauvery  
(c) The Godavari (d) The Krishna

15. Which is the largest lagoon lake of India and second largest lagoon lake of world after Lagoa das patos of South America?  
(a) Vembanad Lake (b) Kolleru Lake  
(c) Pulicat (d) Chilka Lake

**16.** Which is a saltwater lake in India was created by a meteor hitting the Earth and is one of its kinds in India?  
(a) Wular Lake (b) Sambhar Lake  
(c) Lonar Lake (d) Chilka Lake

**17.** A person who breaks the law is  
1. Rogue 2. Criminal  
3. Guilty 4. Sinner  
(a) 1 (b) 2  
(c) 3 (d) 4

**18.** Which of the following place where the Constituent Assembly met for the first time on 9<sup>th</sup> December 1946?  
(a) In the library of the Council Chamber, Delhi  
(b) In the library of the Council Chamber, Kolkata  
(c) In the library of the Council Chamber, Madras  
(d) None of the above

**19.** Who is the ex-officio Chairman of Rajya Sabha?  
(a) President of India  
(b) Vice President of India  
(c) Prime Minister of India  
(d) Chosen from the members of the Rajya Sabha

**20.** India's name is derived from the \_\_\_\_\_:  
(a) Yamuna River (b) Indus River  
(c) Saraswati River (d) Ganga River

**21.** The following countries have a border with India to the North West:  
(a) Afghanistan (b) Myanmar  
(c) Srilanka (d) Bhutan

**22.** Which state in India has the highest literacy rate?  
(a) Tamil Nadu (b) Kerala  
(c) Mizoram (d) Lakshadweep

**23.** What is the ratio of the width of the Indian Flag to the Length?  
(a) 1:1 (b) 2:3  
(c) 4:2 (d) 2:4

**24.** The song Jana-gana-Mana was originally composed in:  
(a) Bengali (b) Hindi  
(c) Urdu (d) Sanskrit

**25.** The song Vande Mantaram was composed by:

(a) Rabindranath Tagore  
(b) Bankimchandra Chatterji.  
(c) Shyam Sunder Das  
(d) Satyajeet Ray

**26.** The National Animal of India is the:  
(a) Tiger (b) Lion  
(c) Peacock (d) Leopard

**27.** The National Tree of India is the:  
(a) Neem Tree (b) Lotus Tree  
(c) Banyan Tree (d) Mango Tree

**28.** The National Fruit of India is the  
(a) Mango (b) Lotus Fruit  
(c) Guava (d) Papaya

**29.** The constitution of India was adopted on:  
(a) 1947 (b) 1948  
(c) 1949 (d) 1950

**30.** What does republic stand for?  
(a) A state in which supreme power is held by the people and their elected representatives, and which has an elected or nominated president rather than a monarch.  
(b) A political system in which the supreme power lies in a body of citizens who can elect people to represent them.  
(c) A philosophical dialogue (4th century B.C.) by Plato dealing with the composition and structure of the ideal state.  
(d) All of the above

**31.** Who was the founder of the Theosophical Society in India and started the Home Rule League?  
(a) Annie Besant  
(b) Acharya Narendra Dev  
(c) Lal-Bal-Pal  
(d) None of the above

**32.** Who among the following known as Pocket Hercules?  
(a) Mike Tyson  
(b) Manohar Aich  
(c) Manotosh Roy  
(d) Muhammad Ali

**33.** Who became the first woman to reach the summit of Mount Everest, and the first woman to ascend all Seven Summits by climbing the highest peak on every continent?

**56.** Which subatomic particle is responsible for carrying the strong nuclear force that binds protons and neutrons together in an atomic nucleus?  
 (a) Electron      (b) Photon  
 (c) Graviton      (d) Gluon

**57.** What is the name of the process in which an unstable atomic nucleus decays by emitting radiation, such as alpha or beta particles?  
 (a) Fission      (b) Fusion  
 (c) Radioactivity      (d) Transmutation

**58.** Which of the following is considered the fundamental particle of light?  
 (a) Photon      (b) Neutrino  
 (c) Quark      (d) Boson

**59.** Which chemical element has the highest atomic number and is the heaviest naturally occurring element on Earth?  
 (a) Uranium      (b) Plutonium  
 (c) Radium      (d) Osmium

**60.** What is the basic unit of information storage in a computer?  
 (a) Byte      (b) Bit  
 (c) Kilogram      (d) Megabyte

**61.** What is the purpose of an operating system in a computer?  
 (a) To store data files  
 (b) To control and manage hardware resources  
 (c) To create graphics and animations  
 (d) To browse the internet

**62.** What does a CPU stand for in the context of a computer?  
 (a) Central Programming Unit  
 (b) Central Processing Unit  
 (c) Computer Peripheral Unit  
 (d) Central Power Unit

**63.** Which file format is commonly used for compressed archives and can contain multiple files and directories?  
 (a) EXE      (b) PDF  
 (c) ZIP      (d) JPEG

**64.** What percent of area in the plain should be under forest?  
 (a) 21 %      (b) 25%  
 (c) 17%      (d) 33%

**65.** What is the name of the largest moon of Saturn, known for its mysterious methane lakes?  
 (a) Europa      (b) Ganymede  
 (c) Enceladus      (d) Titan

**66.** What is the process by which a star, like our Sun, generates energy by converting hydrogen into helium?  
 (a) Nuclear fusion      (b) Nuclear fission  
 (c) Solar flares      (d) Supernova

**67.** Which spacecraft, launched by NASA, became the first human-made object to reach interstellar space?  
 (a) Voyager 1  
 (b) Curiosity  
 (c) Hubble Space Telescope  
 (d) Mars Rover

**68.** How long does it take for the Moon to orbit the Earth once?  
 (a) 24 hours      (b) 7 days  
 (c) 27.3 days      (d) 365 days

**69.** Which Apollo mission was the last to land astronauts on the Moon in 1972?  
 (a) Apollo 11      (b) Apollo 13  
 (c) Apollo 17      (d) Apollo 9

**70.** Which gas is responsible for the blue color of Uranus and Neptune's atmospheres?  
 (a) Oxygen      (b) Nitrogen  
 (c) Methane      (d) Carbon dioxide

### Answer Key

1. (a) 2. (c) 3. (d) 4. (d) 5. (b) 6. (a) 7. (a) 8. (c) 9. (c) 10. (c)  
 11. (a) 12. (a) 13. (c) 14. (c) 15. (d) 16. (c) 17. (b) 18. (a) 19. (b) 20. (b)  
 21. (a) 22. (b) 23. (b) 24. (a) 25. (b) 26. (a) 27. (c) 28. (a) 29. (c) 30. (d)  
 31. (a) 32. (b) 33. (a) 34. (d) 35. (b) 36. (b) 37. (a) 38. (d) 39. (c) 40. (a)  
 41. (b) 42. (b) 43. (a) 44. (c) 45. (a) 46. (b) 47. (b) 48. (a) 49. (d) 50. (b)  
 51. (c) 52. (c) 53. (a) 54. (a) 55. (b) 56. (d) 57. (c) 58. (a) 59. (d) 60. (b)  
 61. (b) 62. (b) 63. (c) 64. (d) 65. (d) 66. (a) 67. (a) 68. (c) 69. (c) 70. (c)

Coding and decoding are two processes that can be used to hide or reveal the meaning of a message. In coding, a message is converted into a secret code that only the sender and receiver know. In decoding, a secret code is converted back into its original message.

Coding-decoding problems often ask students to decode a word or phrase that has been coded in a particular way. Students must understand the specific rule used to code the message in order to answer these questions. For example, a coding rule might be to replace each letter in a word with the letter that comes after it in the alphabet.

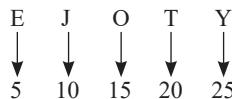
## Letter-Letter Coding

In these type of questions, the letters in a word are replaced by certain other letters according to a specific rule to form its code. The candidate is required to detect the coding pattern/rule and answer the questions accordingly.

## Method to Remember the Position of Letters in English Alphabet:

Firstly we all remember first five letters 1 to 5 is A, B, C, D, E

By using the E J O T Y formula, we can easily remember the position of letters of the English alphabet in multiple of 5 in forward order.



- Letter F-Fix-Six-6
- Letter G-G7 Nation-7
- Letter H-looks like 8
- Letter I-looks like 9 in cursive writing
- Letter K-Kings 11 Punjab team
- Letter L-Lunch time is 12
- Letter M-Main 13 (Tera)
- Letter N-14 November (Children's Day)
- Letter Q-Queen 17
- Letter R-Raja 18 One year older than Queen
- Letter S-19 (Singapore) World's longest non-stop flight (19 hours) is by Singapore Airlines
- Letter T-T-20 (Cricket match)
- Letter U-(Under-21)
- Letter V- Victory  with 2 fingers 22
- Letter W-Rotate letter "W"  anticlockwise, it looks like 3, its rank is 23
- Letter X Y Z-Always remember last 3 letters 24, 25, 26

## Trick to Remember Reverse Alphabetical Order:

A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N

- A Z → A to Z
- B Y → BY
- C X → ChickenpoX
- D W → DraW
- E V → EVil
- F U → For U
- G T → GifT
- H S → High School
- I R → Indian Railway
- J Q → Jack & Queen
- K P → Kal Parso
- L O → LaddOO
- M N → MuNch

**Example 1:** If in any code language, **KUMAR** is coded as **LVNBS**, How is **EMOTIONAL** coded in that language.

(a) FNQUJQBM	(b) FNPUJPOBM
(c) GNPUJPOBM	(d) GNQUJQOBM



## Exercise

1. If 'pen' is 'table', 'table' is 'fan', 'fan' is 'chair' and 'chair' is 'roof', on which of the following will a person sit?  
(a) fan (b) chair (c) roof (d) table

2. In a certain code language, 'pen pencil' is written as '\$%' and 'eraser sharpener' is written as '@#' and 'pencil eraser' is written as '\$@'. Then, what is the code for 'pen'?  
(a) # (b) \$ (c) @ (d) %

3. If in a certain code language, 'oka peru' means 'fine cloth'; 'meta lisa' means 'clear water' and 'dona lisa peru' means 'fine clear weather', which word in that language means 'weather'?  
(a) peru (b) oka (c) meta (d) dona

4. If 'orange' is called 'butter', 'butter' is called 'soap', 'soap' is called 'ink', 'ink' is called 'honey' and 'honey' is called 'orange', which of the following is used for washing clothes?  
(a) Honey (b) Ink  
(c) Orange (d) Soap

5. If  $E = 5$ ,  $PEN = 35$ , then  $PAGE = ?$   
(a) 27 (b) 28 (c) 29 (d) 36

6. In a certain code, BRAIN is written as  $\ast\% \div \neq \times$  and TIER is written as  $\$ \neq \%$ . How is RENT written in that code.  
(a)  $\% \times \neq \$$  (b)  $\% \neq \times \$$   
(c)  $\% + \times \$$  (d)  $+ \times \% \$$

7. In a certain code language 'UNIVERSITY' is written as 'VNJVFRTIUY'. Following the same code how would you write 'SECRETARY'?  
(a) TFDRFTBRZ (b) TFERFTBRY  
(c) SFCSEUASY (d) TEDRFTBRZ

8. In a certain code, PORTUGESE is written as ESEGUTROP, MALAYALAM will be written in the same code as:  
(a) MALAYALAM  
(b) MALYALAM  
(c) MALAYALM  
(d) MALAYLAM

9. In a certain code, VILLA is coded as YKOND, then HOUSE will be coded in the same manner as:  
(a) KQYTG (b) KQXUH  
(c) JPWTG (d) LRYVI

10. If ZXV stands for ACE; what will YZW stand for?  
(a) ABD (b) EAC  
(c) SAD (d) BAD

11. In a certain code language, 'ne ri so' means 'good rainy day', 'si ne po' means 'day is wonderful' and 'ri jo' means 'good boy'. Which of the following means 'rainy' in the code?  
(a) ne (b) si (c) ri (d) so

12. JUNE is coded as NXPF, how will STAY be coded in the same manner?  
(a) WWCZ (b) WVCZ  
(c) WWDB (d) VWZC

13. If ACTION is coded a ZXGRLM, then HEALTH will be coded in the same way as:  
(a) SVZOGS (b) TVZOGT  
(c) RUZPGR (d) QVGOZQ

14. If EARTHQUAKE is coded as MOGPENJOSM, then EQUATE will be coded as:  
(a) MENOPM (b) MENOMP  
(c) MJOGPM (d) MNJOPM

15. Certain letters are coded as: TODAY-45378, WROTE-10542, DATE-7342 and DIRTH-79046. What does the code number '5' stand for?  
(a) D (b) R  
(c) O (d) None of these

16. The code for certain letters are indicated in the following words: TRADE-54321, BADGE-93271, GRADE-74321, QUEUE-80101. What is the code for 'G'.  
(a) 7 (b) 4 (c) 2 (d) 8

17. In a certain language 'mu mit es' means 'who is she' and 'elb mu es' means 'where is she'. What is the code for 'where' in this language?  
(a) es (b) elb (c) mu (d) mit

## Instructions

Attempt all 50 questions. Each question carries 5 marks. 1 mark will be deducted for a wrong answer.

Full Marks: 250

(Time: 60 Minutes)

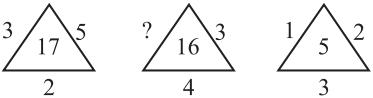
- Which of the following Scheme was recently discontinued by the Ministry of Minority Affairs (MoMA)?
  - Pradhan Mantri Kaushal Vikas Yojana
  - Pradhan Mantri Jan Vikas Karyakram
  - Seekho aur Kamao Scheme
  - Padho Pardesh Scheme
- The number of perfect square factors of 144 is
  - 4
  - 3
  - 5
  - 8
- Who is the present Loksabha Speaker?
  - Om Birla
  - M Venkaiah naidu
  - Ramnath Kovind
  - Narendra Modi
- Which country passed a gender recognition reform bill, making it easier to legally change gender.
  - Italy
  - Scotland
  - California
  - Ireland
- Complete the following series: 3, 7, 15, 31, 63,....?
  - 115
  - 67
  - 127
  - 137
- From the given alternative words, select the word which cannot be formed using the letters of the given word: CONTRIBUTION
  - CAUTION
  - BUT
  - BUTTON
  - NOON
- Where is Durand Line on maps?
  - Between India and Pakistan
  - Between India and China
- Between Pakistan and Afghanistan
- Between China and Afghanistan
- Find the area (in  $\text{cm}^2$ ) of a circle whose circumference is  $50\pi \text{ cm}$ 
  - $676\pi \text{ cm}^2$
  - $624\pi \text{ cm}^2$
  - $625\pi \text{ cm}^2$
  - $667\pi \text{ cm}^2$
- Who is the writer of Kumarasambhava?
  - Panini
  - Varahmira
  - Amara Sinha
  - Kalidas
- What is the full form of IRCTC?
  - Indian Railways Catering & Tourism Corporation
  - International Railways Caters of & Tourism Corporation
  - Indian Roadways Caters of & Tourism Corporation
  - Indian Railways Communication & Tourism Corporation
- In which state 'Ramgarh Vishdhari Tiger Reserve' is located?
  - Maharashtra
  - Madhya Pradesh
  - Gujarat
  - Rajasthan
- Find the Odd One Out.
  - 
  - 
  - 
  - 

**41.** Three friends in college election got 300, 800 and 900 votes respectively. What % of the total votes the winner candidate got?  
 (a) 40% (b) 45% (c) 50% (d) 55%

**42.** Prem, Rakesh, Roshan, Sanjay, Tanuj, Udit are sitting at equal distance in a circle and are facing the centre. Roshan is third from Prem in the right. Rakesh is third from Tanuj from the left. Udit is between Prem and Tanuj and Sanjay is third from Udit in the left and right. Who is opposite Tanuj?  
 (a) Roshan (b) Prem  
 (c) Rakesh (d) Sanjay

**43.** There are 2 boxes A and B if we take out 10 apples from A box & put these apples in B box then the number of apples in B box will be 4 times of A box. If we take out 5 apples from B box & put these apples into A box then the number of apples in both A & B boxes will be same in numbers. Find out the total apples in both the boxes :  
 (a) 20 (b) 30 (c) 50 (d) 60

**44.** Find the missing (?) figure :



(a) 1 (b) 2 (c) 3 (d) 4

**45.** Naresh's birthday was on 22<sup>nd</sup> May and it was Monday on that day. If Neeraj's birthday is on 30<sup>th</sup> October then what will be the day on 30<sup>th</sup> October.

**46.** In a queue, Rahul is eighteenth from the front and John is fifteenth from the end, while Monika is in between Rahul and John. If Rahul be ahead of John and there be 58 persons in the queue, how many person's are there between Rahul and Monika?  
 (a) 12 (b) 7  
 (c) 15 (d) 25

**47.** A grocer has a sale of ₹ 6435, ₹ 6927, ₹ 6855, ₹ 7230 and ₹ 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of ₹ 6500?  
 (a) ₹ 4991 (b) ₹ 5991  
 (c) ₹ 6001 (d) ₹ 6991

**48.** The average age of three boys is 15 years. If their ages are in ratio 3 : 5 : 7, the age of the youngest boy is  
 (a) 11 years (b) 7 years  
 (c) 9 years (d) 12 years

**49.** Look at this series: 36, 34, 30, 28, 24, \_\_\_\_ What number should come next?  
 (a) 20 (b) 22  
 (c) 23 (d) 26

**50.** The product of two numbers is 1320 and their H.C.F. is 6. The L.C.M. of the numbers is  
 (a) 210 (b) 220  
 (c) 1314 (d) 1326

### Answer Key

1. (d) 2. (c) 3. (a) 4. (b) 5. (c) 6. (a) 7. (c) 8. (c) 9. (d) 10. (a)  
 11. (d) 12. (b) 13. (a) 14. (c) 15. (a) 16. (b) 17. (d) 18. (d) 19. (c) 20. (b)  
 21. (d) 22. (d) 23. (d) 24. (d) 25. (d) 26. (d) 27. (b) 28. (d) 29. (b) 30. (b)  
 31. (d) 32. (a) 33. (b) 34. (d) 35. (b) 36. (b) 37. (a) 38. (d) 39. (d) 40. (a)  
 41. (b) 42. (c) 43. (c) 44. (d) 45. (b) 46. (a) 47. (a) 48. (c) 49. (b) 50. (b)

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Explanations



# Complete Your Preparation

