

CUET General Test Set-4

Year 2025

Time Allowed: **60** minutes

Maximum Marks: **250**

Total Questions: **50**

Number of questions to be answered : **50**

Kindly read the Instructions given on this Page and Back Page carefully before attempting this Question Paper.

Important Instructions for the Candidates :

1. This Test contains 50 questions printed in English. Out of these, the candidate is required to answer all 50 questions.
2. Each question has four answer options. Out of these four options choose the MOST APPROPRIATE OPTION.
3. Five (5) marks will be given for each correct answer. One (1) mark will be deducted for each incorrect answer. Unanswered questions will be given no mark.

Q1. A train moving at a uniform speed crosses a platform twice its length in 30 seconds. If the train's length is 150 meters, what is its speed?

- A) 18 m/s
- B) 15 m/s
- C) 12 m/s
- D) 10 m/s

Q2. Which of the following elements has the highest first ionization energy?

- A) Sodium
- B) Aluminum
- C) Chlorine
- D) Argon

Q3. If $\sin\theta = 3/5$, then $\cos\theta = ?$

- A) 4/5
- B) 3/4
- C) 5/3
- D) 1/5

Q4. The difference between SI and CI on ₹10,000 for 2 years at 10% p.a. is:

- A) ₹100
- B) ₹200
- C) ₹500
- D) ₹1,000

Q5. In a certain code, "OPTIMIZE" is written as "KLSFNGVB". How is "STRATEGY" written in that code?

- A) NOLQZDBS
- B) NOLQZCBD
- C) NOLQZDBC
- D) NOLQZDBT

Q6. Arrange the following historical events in chronological order:

1. Battle of Plassey
2. Treaty of Allahabad
3. Battle of Buxar
4. Pitt's India Act

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

Q7. Which ancient civilization is credited with the first known use of a postal system?

- A) Egyptians
- B) Romans
- C) Persians
- D) Greeks

Q8. The "Great Pacific Garbage Patch" is primarily composed of:

- A) Glass debris
- B) Metal waste
- C) Plastic particles
- D) Organic matter

Q9. Match the following Nobel Prize winners with their respective fields:

Nobel Laureate	Field
(i) Richard Feynman	(A) Literature
(ii) Amartya Sen	(B) Physics
(iii) Gabriel García Márquez	(C) Economics
(iv) Dorothy Hodgkin	(D) Chemistry

- a) (i)-B, (ii)-C, (iii)-A, (iv)-D
- b) (i)-C, (ii)-A, (iii)-D, (iv)-B
- c) (i)-D, (ii)-B, (iii)-C, (iv)-A
- d) (i)-A, (ii)-D, (iii)-B, (iv)-C

Q10. Arrange the following historical events in chronological order:

1. Signing of the Magna Carta
2. American Declaration of Independence
3. French Revolution
4. Industrial Revolution begins

Options:

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

Q11. If "INTEGRAL" is coded as "KPMGTCNA", how is "FUNCTION" coded?

- A) HWPVKRQP
- B) GVOUMSJP
- C) HWPUJQRM
- D) GVPWKRQN

Q12. Match the missions with their launch vehicles:

Mission	Launch Vehicle
(i) Chandrayaan-3	(A) GSLV Mk III
(ii) Aditya-L1	(B) PSLV-XL
(iii) Gaganyaan	(C) LVM3

- a) (i)-A, (ii)-B, (iii)-C
- b) (i)-C, (ii)-B, (iii)-A
- c) (i)-B, (ii)-A, (iii)-C

Q13. The "I2U2 Group" comprises which countries?

- A) India, Israel, UAE, USA
- B) India, Indonesia, UK, USA
- C) India, Iran, UAE, UK
- D) India, Israel, UK, USA

Q14. Assertion (A): The 73rd Constitutional Amendment mandates 33% reservation for women in Panchayats.

Reason (R): It aims to enhance women's participation in grassroots democracy.

- A) Both A and R are true, and R is the correct explanation of A.
- B) Both A and R are true, but R is not the correct explanation of A.
- C) A is true but R is false.
- D) A is false but R is true.

Q15. Arrange these events in order:

1. Jallianwala Bagh Massacre
2. Partition of Bengal (1905)
3. Quit India Movement
4. Government of India Act 1935

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

Q16. The average age of a family of five members is 30 years. If the youngest member is 10 years old, what was the average age of the family at the time of the youngest member's birth?

- A) 20 years
- B) 24 years
- C) 26 years
- D) 28 years

Q17. Match the following space missions with their objectives:

Mission	Objective
(i) JUICE	(A) Study Jupiter's moons
(ii) Perseverance	(B) Mars exploration
(iii) Chandrayaan-3	(C) Lunar landing

- a) (i)-A, (ii)-B, (iii)-C
- b) (i)-B, (ii)-A, (iii)-C
- c) (i)-C, (ii)-A, (iii)-B
- d) (i)-A, (ii)-C, (iii)-B

Q18. If "CRYPTOGRAPHY" is coded as "DSZQUPQBQZSX", how is "BLOCKCHAIN" coded?

- A) CMPNDDIBJO
- B) CMPNDDIBJM
- C) CMPNDEJBM
- D) CMPNDDJBJO

Q19. Match the Following (Artists & Art Forms)

Artist	Art Form
(i) Pt. Birju Maharaj	(A) Bharatanatyam
(ii) Kelucharan Mohapatra	(B) Kathak
(iii) Rukmini Devi Arundale	(C) Odissi

- a) (i)-B, (ii)-C, (iii)-A
- b) (i)-A, (ii)-B, (iii)-C
- c) (i)-C, (ii)-A, (iii)-B

Q20. The "Global Cybersecurity Forum" was recently hosted by:

- A) United States
- B) United Kingdom
- C) Germany
- D) India

Q21. Complete the series: 5, 11, 24, 51, 106, ?

- A) 217
- B) 219
- C) 221
- D) 223

Q22. Complete the series: 3, 9, 27, 81, ?

- A) 162
- B) 243
- C) 324
- D) 729

Q23. A car travels 25 km North, turns right and goes 15 km, then turns left and goes 10 km. Where is it relative to the start?

- A) 35 km North, 15 km East
- B) 30 km North, 15 km East
- C) 15 km North, 30 km East
- D) 25 km North, 20 km East

Q24. Match the following international organizations with their headquarters:

Organization	Headquarters
(i) UNESCO	(A) Geneva
(ii) World Bank	(B) Paris
(iii) WHO	(C) Washington D.C.

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

Q25. If $x^2 - 5x + 6 = 0$ and $y^2 - 7y + 12 = 0$, what is the ratio of the smallest root of x to the largest root of y ? (approximate)

- A) 1:2
- B) 2:3
- C) 3:4
- D) 1:3

Q26. The "Artemis Accords" are associated with which field?

- A) Climate Change
- B) Space Exploration
- C) International Trade
- D) Cybersecurity

Q27. The "Triffin Dilemma" is associated with which field of study?

- A) Environmental Science
- B) Economics
- C) Political Science
- D) Sociology

Q28. Which country recently introduced the "Digital Nomad Visa" to attract remote workers?

- A) Estonia
- B) Thailand
- C) Mexico
- D) Greece

Q29. Which of the following elements has the highest first ionization energy?

- A) Oxygen
- B) Nitrogen
- C) Fluorine
- D) Neon

Q30. A sphere of radius 7 cm is melted into a wire of diameter 0.7 cm. The wire's length is:

- A) 112 m
- B) 224 m
- C) 336 m
- D) 448 m

Q31. Which country recently launched the "Green Shield" environmental protection initiative?

- A) Germany
- B) Canada
- C) Australia
- D) Japan

Q32. Which mathematical conjecture proposes that every even integer greater than 2 can be expressed as the sum of two prime numbers?

- A) Goldbach's Conjecture
- B) Riemann Hypothesis
- C) Fermat's Last Theorem
- D) Poincaré Conjecture

Q33. Complete the series: 5, 11, 23, 47, ?

- A) 95
- B) 99
- C) 101
- D) 103

Q34. Match the following authors with their notable works:

Author	Work
(i) Franz Kafka	(A) Crime and Punishment
(ii) Leo Tolstoy	(B) Metamorphosis
(iii) Fyodor Dostoevsky	(C) War and Peace
(iv) Marcel Proust	(D) In Search of Lost Time

- a) (i)-B, (ii)-C, (iii)-A, (iv)-D
- b) (i)-A, (ii)-D, (iii)-B, (iv)-C
- c) (i)-D, (ii)-B, (iii)-C, (iv)-A
- d) (i)-C, (ii)-A, (iii)-D, (iv)-B

Q35. The "Blue Economy" refers to:

- A) Sustainable use of ocean resources
- B) Economic activities in mountainous regions
- C) Renewable energy sector
- D) Water conservation in agriculture

Q36. A can complete a work in 15 days, B in 20 days. They work together for 6 days, then C joins and the work finishes in 2 more days. In how many days can C alone complete the work?

- A) 10
- B) 12
- C) 15
- D) 20

Q37. The difference between CI and SI on ₹12,000 for 3 years at 10% p.a. is:

- A) ₹372
- B) ₹384
- C) ₹396
- D) ₹408

Q38. If $\tan\theta = 12/5$, then $5\sin\theta + 12\cos\theta / 24\sin\theta - 5\cos\theta = ?$

- A) $1/2$
- B) $5/11$
- C) $120/263$
- D) $80/173$

Q39. Who was awarded the Nobel Prize in Literature in 2024?

- A) Margaret Atwood
- B) Haruki Murakami
- C) Han Kang
- D) Olga Tokarczuk

Q40. If the sum of the interior angles of a polygon is 1440° , how many sides does it have?

- A) 8
- B) 10
- C) 12
- D) 14

Q41. Which Indian state recently launched the "Digital Kranti" initiative to promote e-governance?

- A) Gujarat
- B) Maharashtra
- C) Tamil Nadu
- D) West Bengal

Q42. In a certain code, if SUCCESS = 56 and FAILURE = 63, then VICTORY = ?

- A) 72
- B) 75
- C) 78
- D) 81

Q43. If "OPTIMIZE" is coded as "LKRNVFMB", how is "STRATEGY" coded?

- A) PQLYVBUX
- B) QRMXWCVY
- C) PQKYUBVX
- D) QRNYWBVX

Q44. The "Kármán line," which defines the boundary between Earth's atmosphere and outer space, is located at an altitude of:

- A) 50 km
- B) 100 km
- C) 150 km
- D) 200 km

Q45. The average weight of 8 men is increased by 2.5 kg when one of the men, weighing 70 kg, is replaced by a new man. What is the weight of the new man?

- A) 90 kg
- B) 88 kg
- C) 92 kg
- D) 94 kg

Q46. Match the following Nobel Prize winners with their respective fields:

- | | |
|--------------------------|---------------|
| 1.Emmanuelle Charpentier | A) Physics |
| 2.Roger Penrose | B) Literature |
| 3.Louise Glück | C) Chemistry |

- a) 1-C, 2-A, 3-B
- b) 1-B, 2-C, 3-A
- c) 1-A, 2-B, 3-C
- d) 1-C, 2-B, 3-A

Q47. Which Indian mathematician is known for his work in number theory and for the "Hardy-Ramanujan asymptotic formula"?

- A) Srinivasa Ramanujan
- B) Harish-Chandra
- C) D. R. Kaprekar
- D) Bhaskara II

Q48. The "Kigali Amendment" is related to:

- A) Reduction of greenhouse gases
- B) Protection of endangered species
- C) Regulation of plastic waste
- D) Control of hazardous chemicals

Q49. The "Kigali Amendment" is associated with which environmental issue?

- A) Deforestation
- B) Ozone layer depletion
- C) Plastic pollution
- D) Air pollution

Q50. If the sum of the squares of three consecutive positive integers is 365, what is the smallest integer?

- A) 10
- B) 11
- C) 12
- D) 13

Answer key:

Q.No.	Ans	Q.No.	Ans
1	B	26	B
2	D	27	B
3	A	28	A
4	A	29	D
5	A	30	B
6	A	31	B
7	C	32	A
8	C	33	A
9	a	34	a
10	b	35	A
11	A	36	B
12	b	37	A
13	A	38	C
14	A	39	C
15	A	40	B
16	A	41	B
17	a	42	C
18	B	43	C
19	a	44	B
20	D	45	A
21	A	46	a
22	B	47	A
23	A	48	A
24	a	49	B
25	A	50	A

