

CUET General Test Set-5

Year 2025

Time Allowed: 60 minutes	Maximum Marks: 250	Total Questions: 50	Number of questions to be answered : 50
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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. Match India's recent agreements with partner countries:

Country	Agreement Focus
(i) France	(A) Semiconductor Manufacturing
(ii) USA	(B) Rare Earth Minerals
(iii) Japan	(C) AI in Agriculture

Options:

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

Q2. Arrange in launch order:

1. SSLV-D3
2. Gaganyaan Uncrewed Test
3. INSAT-3DS
4. XPoSat

Options:

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

Q3. From a pack of 52 cards, 3 are drawn. Probability of getting 2 kings and 1 queen is:

- A) $\frac{6}{5525}$
- B) $\frac{12}{5525}$
- C) $\frac{24}{5525}$
- D) $\frac{36}{5525}$

Q4. The "Niryat Rin Vikas Yojana" launched in 2024 aims to:

- A) Boost MSME exports
- B) Provide farm credit
- C) Develop inland waterways
- D) Support textile startups

Q5. Match the following events with their respective champions:

Event	Champion
(i) Australian Open Women's	(A) Neal Skupski & Desirae Krawczyk
(ii) French Open Men's	(B) Aryna Sabalenka
(iii) Wimbledon Mixed Doubles	(C) Carlos Alcaraz

Options:

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

Q6. Arrange these events from earliest to latest:

1. UAE's COP28 Presidency Handover
2. G7 Summit in Italy
3. Paris Olympics Opening Ceremony
4. BRICS Expansion Implementation

Options:

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

Q7. India's "Quantum Diamond Microchip" developed in 2024 is used for:

- A) Weather Forecasting
- B) Medical Imaging
- C) Secure Communications
- D) Agricultural Drones

Q8. Assertion (A): India's GDP growth surpassed 7% in Q1 2024.

Reason (R): Manufacturing sector grew at 9.1% due to PLI schemes.

- A) Both A and R are true, and R explains A
- B) Both true but R doesn't explain A
- C) A true R false
- D) A false R true

Q9. Which country recently joined BRICS in January 2024?

- A) Saudi Arabia
- B) Argentina
- C) Ethiopia
- D) UAE

Q10. Match the following athletes with their respective achievements:

Athlete	Achievement
(i) Neeraj Chopra	(A) World Athletics Gold
(ii) R Praggnanandhaa	(B) FIDE Candidates Winner
(iii) PV Sindhu	(C) Asian Badminton Champion

Options:

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

Q11. Assertion (A): India's Green Credit Program 2024 incentivizes afforestation.

Reason (R): Corporates can offset carbon emissions by funding tree plantations.

- A) Both A and R are true, and R explains A
- B) Both true but R doesn't explain A
- C) A true R false
- D) A false R true

Q12. The "Indo-Pacific Economic Framework (IPEF)" excludes which country?

- A) China
- B) Australia
- C) Vietnam
- D) South Korea

Q13. Which figure completes the series?

[\triangle , ∇ , \diamond]

[\square , \circ , ?]

Options:

- A) \square
- B) \circ
- C) \diamond
- D) \ominus

Q14. Match the summits with their key outcomes:

Summit	Outcome
(i) G7 Hiroshima	(A) AI Ethics Framework
(ii) COP29 Baku	(B) Climate Loss & Damage Fund
(iii) G20 Rio	(C) Critical Minerals Pact

Options:

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

Q15. If $x^2 - 7x + 12 = 0$ and $y^2 - 9y + 20 = 0$, what is the ratio of largest x to smallest y?

- A) 3:4
- B) 4:5
- C) 1:1
- D) 2:3

Q16. If "DEMOCRACY" is coded as "CDLNBQZBX", how is "REPUBLIC" coded?

- A) QDOTAJB
- B) QDOTAJB
- C) QDOTAHD
- D) QDOTAJB

Q17. Match the following heritages with their location:

UNESCO Heritage	Location
(i) Hoysala Temples	(A) Tamil Nadu
(ii) Santiniketan	(B) Karnataka
(iii) Sacred Ensembles	(C) West Bengal

Options:

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

Q18. Check the given data for sufficiency:

Is $x > y$?

- I) $x^2 - y^2 = 16$
- II) $x + y = 8$

- A) I alone sufficient
- B) II alone sufficient
- C) Both needed
- D) Neither sufficient

Q19. Pointing to a man, Priya says, "He is my father's only son's wife's brother." How is Priya related to the man?

- A) Sister
- B) Sister-in-law
- C) Daughter
- D) Aunt

Q20. A submarine dives 50m, travels 120m East, then 90m North. Its straight-line distance from start is:

- A) 130m
- B) 150m
- C) 170m
- D) 200m

Q21. If $x + 1/x = 4$, then $x^4 + 1/x^4 = ?$

- A) 194
- B) 196
- C) 198
- D) 200

Q22. Match the countries with their recent defense pacts with India:

Country	Agreement Focus
(i) France	(A) Jet Engine Tech Transfer
(ii) USA	(B) AI for Military Logistics
(iii) Japan	(C) Undersea Mining Security

Options:

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

Q23. A and B complete a task in 8 days. If A works at 60% efficiency, they take 12 days. How many days would B alone take?

- A) 18
- B) 20
- C) 36
- D) 48

Q24. Three dice are rolled. Probability of sum being 15 is:

- A) $5/108$
- B) $7/108$
- C) $10/216$
- D) $12/216$

Q25. Complete: 3, 8, 18, 38, 78, ?

- A) 158
- B) 160
- C) 162
- D) 164

Q26. Which satellite was launched by ISRO on August 16, 2024, marking the completion of the SSLV development project?

- A) EOS-07
- B) EOS-08
- C) INSAT-3DS
- D) XPoSat

Q27. The AI-ENGAGE initiative, launched in 2024, is a collaborative effort among India, Japan, the USA, and Australia focusing on:

- A) Autonomous Vehicles
- B) AI in Agriculture
- C) Cybersecurity
- D) Space Exploration

Q28. Pointing to a photo, Riya says "He is my father's only son's wife's father". How is Riya related to the man?

- A) Daughter
- B) Niece
- C) Sister-in-law
- D) Granddaughter

Q29. Check the given data and verify if the data is sufficient to answer the question:

Is $x^2 + y^2 > 100$?

- I) $x+y=20$
- II) $xy=50$

- A) I alone sufficient
- B) II alone sufficient
- C) Both needed
- D) Neither sufficient

Q30. The 'Sampoornata Abhiyan' launched in July 2024 aims to:

- A) Achieve 100% school enrollment
- B) Eliminate sickle cell anemia
- C) Provide comprehensive health screening
- D) Boost agricultural productivity

Study the table and answer the next four questions.

Company XYZ's 2024 quarterly performance in ₹Cr:

Quarter	Revenue	Profit
Q1	200	40
Q2	250	50
Q3	300	45
Q4	350	70

Q31. Q4 profit percentage increase over Q3 is:

- A) 35.5%
- B) 42.8%
- C) 55.5%
- D) 60.2%

Q32. Ratio of total profit to total revenue is:

- A) 1:5
- B) 41:220
- C) 3:20
- D) 7:50

Q33. If Q1 2025 revenue grows by 20% over Q4 2024, with profit margin constant, Q1 2025 profit will be:

- A) ₹84Cr
- B) ₹90Cr
- C) ₹96Cr
- D) ₹100Cr

Q34. Which quarter showed the lowest profit percentage of revenue?

- A) Q1
- B) Q2
- C) Q3
- D) Q4

Q35. Arrange these events from earliest to latest:

1. NASA-ISRO NISAR satellite launch
2. Japan's SLIM Moon landing
3. Gaganyaan human-rated test flight
4. China's Queqiao-2 lunar relay satellite

Options:

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

Q36. A hemisphere of radius 14 cm is melted into a cylinder of radius 7 cm. The cylinder's height is:

- A) 28 cm
- B) 35.5 cm
- C) 37.3 cm
- D) 42 cm

Q37. If one root of $x^3 - 6x^2 + 11x - 6 = 0$ is 2, the other two roots are:

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

Q38. From a shuffled deck, 4 cards are drawn. Probability of getting all from different suits is:

- A) $\frac{2197}{20825}$
- B) $\frac{198}{833}$
- C) $\frac{1053}{4165}$
- D) $\frac{1024}{4096}$

Q39. A is 50% more efficient than B. If they complete a project in 12 days working together, B alone would take:

- A) 30 days
- B) 36 days
- C) 42 days
- D) 45 days

Q40. Assertion (A): The Delhi Services Bill 2023 gives control of bureaucrats to the Central Government.

Reason (R): Delhi is a Union Territory with special status.

Options:

- A) Both A and R are true and R explains A
- B) Both true but R doesn't explain A
- C) A true R false
- D) A false R true

Q41. India signed a critical minerals Memorandum of Understanding (MoU) with the United States in June 2024 to collaborate on which sectors?

- A) Oil and Gas
- B) Battery Materials and Rare Earths
- C) Agricultural Commodities
- D) Textile Manufacturing

Q42. In September 2024, Tata Electronics partnered with which Taiwanese company to establish India's first semiconductor fabrication plant?

- A) TSMC
- B) UMC
- C) Powerchip Semiconductor Manufacturing Corporation (PSMC)
- D) Foxconn

Q43. A drone flies 15m North, then 20m East, then ascends 10m vertically. Its straight-line distance from start is:

- A) 25m
- B) $5\sqrt{29}$ m
- C) $5\sqrt{21}$ m
- D) 30m

Q44. A cone is melted into 3 spheres with radii 3 cm, 4cm, 5cm. Original cone's height if base radius was 6cm?

- A) 24cm
- B) 28cm
- C) 32cm
- D) 36cm

Q45. A is B's maternal uncle. C is D's daughter. B is C's sister. How is D related to A?

- A) Wife
- B) Sister
- C) Mother
- D) Daughter

Q46. A drone flies 12m East, 9m North, then ascends 5m. Its straight-line distance from start is:

- A) 15m
- B) $5\sqrt{10}$ m
- C) $10\sqrt{3}$ m
- D) 16m

Q47. A can complete a work in 18 days. After 6 days, B joins and work finishes in 4 more days. In how many days could B alone complete 60% work?

- A) 6
- B) 8
- C) 9
- D) 12

Q48. If "GEOPOLITICS" is coded as "JHRSOOLWVF", how is "DIPLOMACY" coded?

- A) FKNQOECA
- B) GLRQPFDB
- C) FKNRQECB
- D) GLROQFDC

Q49. Complete: 2, 5, 13, 34, 89, ?

- A) 233
- B) 240
- C) 258
- D) 274

Q50. The "IMEC Corridor" recently signed at G20 connects India to:

- A) Europe via Middle East
- B) Africa via Seychelles
- C) Russia via Central Asia
- D) ASEAN via Myanmar

Answer key:

Que	Ans	Que	Ans
Q1	d	Q26	b
Q2	d	Q27	b
Q3	a	Q28	a
Q4	a	Q29	c
Q5	a	Q30	c
Q6	a	Q31	c
Q7	c	Q32	b
Q8	a	Q33	a
Q9	c	Q34	c
Q10	a	Q35	c
Q11	a	Q36	c
Q12	a	Q37	a
Q13	b	Q38	c
Q14	a	Q39	a
Q15	c	Q40	b
Q16	b	Q41	b
Q17	a	Q42	c
Q18	c	Q43	b
Q19	b	Q44	d
Q20	b	Q45	a
Q21	a	Q46	b
Q22	a	Q47	c
Q23	d	Q48	b
Q24	a	Q49	a
Q25	a	Q50	a

