CUET UG 2027 Mock Test 1: General Aptitude Test

Full-length practice test in the CUET (UG) pattern, with answer key and solutions.

Test	General Aptitude Test
Questions	50, all compulsory (multiple choice)
Duration	60 minutes
Marking	+5 for a correct answer, −1 for a wrong answer, 0 if not attempted
Maximum marks	250
Pattern basis	CUET (UG) 2026 Information Bulletin. NTA will confirm the 2027 pattern in its 2027 bulletin.
Note	Original mock test written by PreviousYearPaper.online. It is NOT an NTA previous year question paper.

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General Aptitude Test

Q1. What comes next: 2, 6, 12, 20, 30, ?

(A) 42 (B) 40
(C) 48 (D) 36

Q2. If CAT is written as DBU, how is DOG written?

(A) EPH (B) EOH
(C) CNF (D) FQI

Q3. 15% of 240 is

(A) 36 (B) 24
(C) 48 (D) 30

Q4. A 120 m long train runs at 72 km/h. How long does it take to pass a pole?

(A) 6 s (B) 5 s
(C) 12 s (D) 10 s

Q5. Simple interest on ₹5,000 at 8% per year for 3 years is

(A) ₹1,200 (B) ₹800
(C) ₹1,000 (D) ₹1,500

Q6. The average of 12, 15, 18, 21 and 24 is

(A) 20 (B) 19
(C) 17 (D) 18

Q7. A can finish a job in 10 days and B in 15 days. Working together, they finish it in

(A) 8 days (B) 5 days
(C) 12.5 days (D) 6 days

Q8. Two numbers are in the ratio 3 : 5 and their sum is 64. The larger number is

(A) 32 (B) 40
(C) 36 (D) 24

Q9. Find the odd one out: 3, 5, 9, 11, 13

(A) 5 (B) 11
(C) 9 (D) 13

Q10. A man points to a boy and says, "He is the son of my father's only son." The boy is the man's

(A) son (B) nephew
(C) brother (D) father

Q11. The angle between the hour and minute hands at 3:00 is

(A) 75° (B) 105°
(C) 60° (D) 90°

Q12. If today is Monday, what day will it be after 61 days?

(A) Thursday (B) Saturday
(C) Friday (D) Sunday

Q13. The area of a circle of radius 7 cm (π = 22/7) is

(A) 154 cm² (B) 148 cm²
(C) 308 cm² (D) 44 cm²

Q14. An item bought for ₹400 is sold for ₹500. The profit per cent is
(A) 15% (B) 25%
(C) 30% (D) 20%

Q15. An item marked ₹800 is sold at a 15% discount. The selling price is
(A) ₹650 (B) ₹700
(C) ₹680 (D) ₹720

Q16. A car covers 150 km in 2.5 hours. Its average speed is
(A) 65 km/h (B) 60 km/h
(C) 50 km/h (D) 75 km/h

Q17. A square has an area of 64 cm^2. Its perimeter is
(A) 64 cm (B) 32 cm
(C) 16 cm (D) 24 cm

Q18. What comes next: A, C, F, J, O, ?
(A) U (B) T
(C) V (D) S

Q19. All pens are books. All books are tables. Which statement must be true?
(A) No pen is a table (B) Some tables are not books
(C) All pens are tables (D) All tables are pens

Q20. Which Article of the Indian Constitution abolishes untouchability?
(A) Article 17 (B) Article 21
(C) Article 19 (D) Article 14

Q21. The largest planet in the Solar System is
(A) Jupiter (B) Saturn
(C) Neptune (D) Earth

Q22. Gitanjali was written by
(A) Sarojini Naidu (B) Bankim Chandra Chattopadhyay
(C) Rabindranath Tagore (D) Premchand

Q23. The chemical symbol for sodium is
(A) S (B) Sd
(C) So (D) Na

Q24. The ozone layer lies mainly in the
(A) stratosphere (B) mesosphere
(C) troposphere (D) thermosphere

Q25. The first Governor-General of independent India was
(A) Lord Wavell (B) C. Rajagopalachari
(C) Lord Linlithgow (D) Lord Mountbatten

Q26. The Battle of Plassey was fought in
(A) 1857 (B) 1757
(C) 1764 (D) 1761

Q27. India's highest civilian award is the

(A) Padma Bhushan (B) Bharat Ratna
(C) Param Vir Chakra (D) Padma Vibhushan

Q28. The longest river flowing within India is the

(A) Brahmaputra (B) Godavari
(C) Ganga (D) Yamuna

Q29. Deficiency of vitamin D causes

(A) night blindness (B) rickets
(C) beriberi (D) scurvy

Q30. The currency of Japan is the

(A) won (B) yuan
(C) ringgit (D) yen

Q31. The Rajya Sabha is presided over by the

(A) Vice-President of India (B) President of India
(C) Speaker of the Lok Sabha (D) Prime Minister

Q32. The mean of the first 10 natural numbers is

(A) 10 (B) 5.5
(C) 5 (D) 6

Q33. The median of 4, 8, 2, 10, 6 is

(A) 5 (B) 4
(C) 6 (D) 8

Q34. The mode of 2, 3, 3, 5, 7, 3, 5 is

(A) 7 (B) 5
(C) 3 (D) 2

Q35. A fair die is rolled. The probability of an even number is

(A) 1/6 (B) 2/3
(C) 1/3 (D) 1/2

Q36. The volume of a cube of side 4 cm is

(A) 96 cm^3 (B) 64 cm^3
(C) 48 cm^3 (D) 16 cm^3

Q37. If $2x + 5 = 17$, then x is

(A) 11 (B) 7
(C) 5 (D) 6

Q38. If $x^2 = 49$ and $x < 0$, then x is

(A) -7 (B) -49
(C) 49 (D) 7

Q39. The sum of the interior angles of a quadrilateral is

(A) 180° (B) 360°
(C) 270° (D) 540°

Q40. Compound interest on ₹10,000 at 10% a year for 2 years (compounded yearly) is
(A) ₹2,200 (B) ₹2,100
(C) ₹2,000 (D) ₹1,100

Q41. What comes next: 1, 4, 9, 16, 25, ?
(A) 30 (B) 35
(C) 36 (D) 49

Q42. If APPLE is written as ELPPA, how is MANGO written?
(A) MGNAO (B) OGANM
(C) ONGAM (D) OGNAM

Q43. Riya walks 5 km north, turns right and walks 3 km, then turns right and walks 5 km. Where is she from the start?
(A) 13 km east (B) 5 km north
(C) 3 km west (D) 3 km east

Q44. D is taller than A, A is taller than B, and B is taller than C. Who is the tallest?
(A) B (B) C
(C) A (D) D

Q45. Book : Author :: Painting : ?
(A) Painter (B) Brush
(C) Canvas (D) Gallery

Q46. Which of these years is a leap year?
(A) 1900 (B) 2023
(C) 2024 (D) 2100

Q47. A father is three times as old as his son. Their ages add up to 48. The son is
(A) 9 years old (B) 36 years old
(C) 16 years old (D) 12 years old

Q48. A number is increased by 20% and then decreased by 20%. The net change is
(A) a 4% decrease (B) a 2% decrease
(C) no change (D) a 4% increase

Q49. A class has 40 students and 25% are absent. How many are present?
(A) 25 (B) 35
(C) 30 (D) 10

Q50. Which number is divisible by 9?
(A) 7391 (B) 7371
(C) 7381 (D) 7372

Answer key

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

Solutions

Q1 · Answer: **(A) 42**
Differences are 4, 6, 8, 10, so the next is 30 + 12 = 42.

Q2 · Answer: **(A) EPH**
Each letter moves one place forward.

Q3 · Answer: **(A) 36**
0.15 × 240 = 36.

Q4 · Answer: **(A) 6 s**
72 km/h = 20 m/s; 120/20 = 6 s.

Q5 · Answer: **(A) ₹1,200**
5000 × 8 × 3/100 = 1200.

Q6 · Answer: **(D) 18**
Sum 90 ÷ 5 = 18.

Q7 · Answer: **(D) 6 days**
1/10 + 1/15 = 1/6.

Q8 · Answer: **(B) 40**
64 × 5/8 = 40.

Q9 · Answer: **(C) 9**
All others are prime numbers.

Q10 · Answer: **(A) son**
My father's only son is the man himself.

Q11 · Answer: **(D) 90°**
3 hour-marks × 30° = 90°.

Q12 · Answer: **(B) Saturday**
61 = 8 weeks + 5 days; Monday + 5 = Saturday.

Q13 · Answer: **(A) 154 cm²**
22/7 × 49 = 154.

Q14 · Answer: **(B) 25%**
100/400 × 100 = 25%.

Q15 · Answer: **(C) ₹680**
800 × 0.85 = 680.

Q16 · Answer: **(B) 60 km/h**
150 ÷ 2.5 = 60.

Q17 · Answer: **(B) 32 cm**
Side 8 cm; perimeter 4 × 8.

Q18 · Answer: **(A) U**
Gaps of 2, 3, 4, 5, then 6: O + 6 = U.

Q19 · Answer: **(C) All pens are tables**
Pens ⊂ books ⊂ tables.

Q20 · Answer: **(A) Article 17**
Article 17.

Q21 · Answer: **(A) Jupiter**
Jupiter.

Q22 · Answer: **(C) Rabindranath Tagore**
Tagore won the 1913 Nobel Prize in Literature for it.

Q23 · Answer: **(D) Na**
From the Latin natrium.

Q24 · Answer: **(A) stratosphere**
About 15–35 km above the Earth.

Q25 · Answer: **(D) Lord Mountbatten**
Mountbatten served from 1947 to 1948; Rajagopalachari was the first Indian Governor-General.

Q26 · Answer: **(B) 1757**
1757.

Q27 · Answer: **(B) Bharat Ratna**
The Param Vir Chakra is a military gallantry award.

Q28 · Answer: **(C) Ganga**
The Ganga has the longest course within India.

Q29 · Answer: **(B) rickets**
Scurvy is vitamin C; beriberi B1; night blindness vitamin A.

Q30 · Answer: **(D) yen**
Yen.

Q31 · Answer: **(A) Vice-President of India**
The Vice-President is ex officio Chairman of the Rajya Sabha.

Q32 · Answer: **(B) 5.5**
55 ÷ 10.

Q33 · Answer: **(C) 6**
Sorted: 2, 4, 6, 8, 10.

Q34 · Answer: **(C) 3**
3 occurs most often.

Q35 · Answer: **(D) 1/2**
3 out of 6 outcomes.

Q36 · Answer: **(B) 64 cm³**
$4^3 = 64$.

Q37 · Answer: **(D) 6**
2x = 12.

Q38 · Answer: **(A) −7**
The negative square root.

Q39 · Answer: **(B) 360°**
(4 − 2) × 180°.

Q40 · Answer: **(B) ₹2,100**
10000 × 1.1² − 10000 = 2100.

Q41 · Answer: **(C) 36**
Perfect squares.

Q42 · Answer: **(D) OGNAM**
The word is reversed.

Q43 · Answer: **(D) 3 km east**
The north and south legs cancel out.

Q44 · Answer: **(D) D**
D > A > B > C.

Q45 · Answer: **(A) Painter**
The creator of the work.

Q46 · Answer: **(C) 2024**
Century years must be divisible by 400.

Q47 · Answer: **(D) 12 years old**
4x = 48.

Q48 · Answer: **(A) a 4% decrease**
1.2 × 0.8 = 0.96.

Q49 · Answer: **(C) 30**
75% of 40.

Q50 · Answer: **(B) 7371**
Digit sum 7 + 3 + 7 + 1 = 18.