

CUET UG 2023 General Test Question Paper PDF (May 21, 2023) (Shift 2)

1. Match List I with List II

List I

- (A) LCM of $2^2 \times 3^3 \times 5^4 \times 7$ and $2^3 \times 3 \times 5 \times 7^4$
 (B) HCF of $2^3 \times 3^2 \times 5$ and $3^2 \times 2^4 \times 5^3$
 (C) LCM of $5^7 \times 7^5 \times 2^{12}$ and $3^5 \times 7^{14} \times 2^6$
 (D) HCF of $5^7 \times 7^5 \times 2^{12}$ and $3^5 \times 7^4 \times 2^6 \times 11$

Choose the **correct** answer from the options given below:

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

List II

- (I) $2^6 \times 7^4$
 (II) $2^{12} \times 3^5 \times 5^7 \times 7^{14}$
 (III) $2^3 \times 3^3 \times 5^4 \times 7^4$
 (IV) $2^3 \times 3^2 \times 5$

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

2. If the circumference of a circle is increased by 20% then the area of the circle will be increased by:
 (a) 40% (b) 44% (c) 48% (d) 46%

3. Indian Grain storage Management and Research Institute (IGMRI) is situated at:
 (a) Hapur (b) Bagpat
 (c) Amroha (d) Varanasi

4. Which of the following Texts deal with philosophical matters of Buddha?
 (a) Vinaya Pitaka (b) Sutta Pitak
 (c) Abhidhamma Pitaka (d) Dipa Vamsa

5. Read the following arrangement carefully and answer the question given below:

AB 3 D 4 C 9 O & Q Y X * N M K 8 Q R G

Which of the above is exactly in the middle of 9 and 8.

- (a) X, * (b) X (c) Y (d) *

6. Abhijit Vinayak Banerjee won the Nobel Prize in economic science in 2019 for his experimental approach to _____

- (a) Alleviating Global Poverty
 (b) Struggle against suppression of children
 (c) Making a transition from physics to Biology
 (d) Breakthrough in field of medicine

7. A and B are two stations 455 km apart. A train starts from station A at 9 am and runs towards station B with a speed of 55 kmph. Another train starts from station B at 10 am and runs towards station A with a speed of 45 kmph. At what time do the trains meet?

- (a) 2 pm (b) 2:15 pm
 (c) 2:30 pm (d) 2:45 pm

8. The chemical name of washing soda is _____

- (a) Sodium Carbonate decahydrate
 (b) Sodium Carbonate octa hydrate
 (c) Sodium Carbonate Penta hydrate
 (d) Sodium Carbonate tetra hydrate

9. In which year the organisation named 'Lalit Kala Akademi' was established?

- (a) 1951 (b) 1952 (c) 1953 (d) 1954

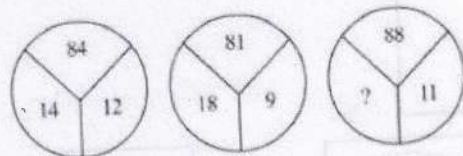
10. Who has written the book 'Panchatantra'?

- (a) Kalidas (b) Pt. Vishnu Sharma
 (c) Mahadeve Verma (d) Ashwa Ghosh

11. Out of given options, which name will come in the last in a telephone directory?

- (a) Mahender (b) Mohendra
 (c) Mohinder (d) Mahinder

12. Which number can be filled at a place of '?'



- (a) 16 (b) 14 (c) 12 (d) 10

13. Match List I with List II

List-I (Event)

- (A) Partition of Bengal
 (B) Foundation of Indian National Congress
 (C) Champaran Satyagrah
 (D) Civil Disobedience Movement

List-II (Year)

- (I) 1885
 (II) 1917

- (III) 1930

- (IV) 1905

Choose the **correct** answer from the options given below:

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

14. Which one of the following is not an A.P.?

- (a) 11, 7, 3, -1, -5 (b) 0, -3, -6, -9
 (c) 3, 9, 19, 33, 51 (d) 9, 13, 17, 21, 25

15. Complete the following series.

9, 12, 18, 30, 54?

- (a) 78 (b) 84 (c) 72 (d) 102

16. In a Physics test, the average marks of girls in a class is 40. If the average marks of first 20 girls is 50 and that of the remaining girls is 20, then the total number of girls in the class is:

- (a) 30 (b) 40 (c) 25 (d) 45

17. Who amongst the following is associated with law of Inheritance?

- (a) Gregor Johann Mendel
(b) Charles Robert Darwin
(c) Leeuwenhoek
(d) Isaac Newton

18. A capsule of medicine is in the shape of a sphere of diameter 2.8 mm. How much medicine is needed to fill this capsule.

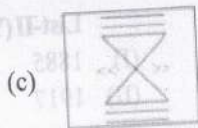
(correct to one decimal place)? $\left(\pi = \frac{22}{7}\right)$

- (a) 11.5 mm³ (b) 12.2 mm³
(c) 22.4 mm³ (d) 15.4 mm³

19. Rakesh, Amit and Suresh started a business. Rakesh invested $\frac{1}{2}$ part, Amit $\frac{1}{3}$ part and rest of the capital was invested by Suresh. The ratio of their profits will be.

- (a) 2:3:1 (b) 3:2:1
(c) 2:3:6 (d) 6:3:2

20. Find the answer figure in which problem figure is embedded:
Problem Figure



21. Given below are two statements:

Statement I: Only one Rhombus ABCD can be drawn with AB = 4 cm and diagonal BD = 5 cm

Statement II: Only one parallelogram ABCD can be drawn with AB = 6 cm and diagonal BD = 8 cm

In the light of the above statements, choose the **correct answer** from the option given below:

- (a) Both statement I and statement II are true
(b) Both statement I and statement II are false
(c) Statement I is true but statement II is false
(d) Statement I is false but statement II is true

22. 'Kanha National Park' is situated in _____.

- (a) Rajasthan (b) Uttar Pradesh
(c) Madhya Pradesh (d) Gujarat

23. A tower, stands vertically on the ground. From a point on the ground which is 18 m away from the foot of the tower, the angle of elevation of the top of the tower is found to be 30°. Find the height of the tower.

- (a) $15\sqrt{3}$ m (b) $6\sqrt{3}$ m
(c) $5\sqrt{3}$ m (d) $10\sqrt{3}$ m

24. Match List I with List II

List I
(liquid)

List II
(pH Value)

- (A) Milk (I) 3
(B) Pure water (II) 6.5
(C) Blood (III) 7
(D) Apple Juice (IV) 7.4

Choose the **correct** answer from the options given below:

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

25. Alka is older than Mala, Gopal is older than Mala but younger than Alka. Kapil is younger than Ram and Mala. Mala is older than Ram. Who is the youngest?

- (a) Kapil (b) Alka (c) Ram (d) Mala

26. Match List I with List II

List I
(Constellations)

List II
(India Names)

- (A) Taurus (I) Mithun
(B) Sagittarius (II) Kumbh
(C) Aquarius (III) Dhanu
(D) Gemini (IV) Vrish

Choose the **correct** answer from the options given below:

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

27. Sunderban National Park is situated in _____.

- (a) Odisha (b) Assam
(c) West Bengal (d) Bihar

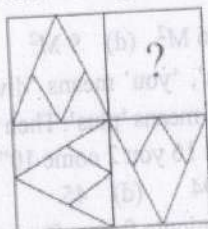
28. Arrange the given events in ascending order of their probabilities

- A = target is hit 2 times in 20 shots
B = target is hit 175 times in 200 shots
C = target is hit 92 times in 100 shots
D = target is hit 2 times in 5 shots
E = target is hit 5 times in 13 shots

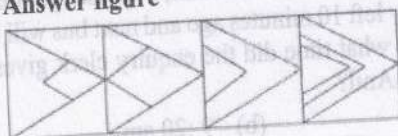
Choose the **correct** answer from the options given below:

- (a) E, A, D, B, C (b) E, B, A, D, C
(c) A, E, D, B, C (d) E, A, B, C, D
29. Which city is known as Lake city of India?
(a) Jaipur (b) Udaipur
(c) Bikaner (d) Bhiwadi
30. In the following question, find out which of the answer figures (1), (2), (3) and (4) complete the figure matrix.

Problem figure



Answer figure

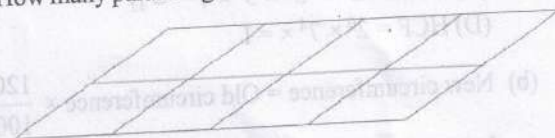


- (a) 1 (b) 2 (c) 3 (d) 4
31. If January 1 is a Friday, then what is the last day of the month March in a leap year?
(a) Monday (b) Tuesday
(c) Wednesday (d) Thursday
32. There are 5 students A, B, C, D and E and they are good in various subjects like B and E are good in Dramatics and computer science. A and B are good in computer science and physics. A, D and C are good in Physics and History. C and A are good in Physics and Mathematics. D and E are good in History and Dramatics. Who is good in Computer Science, History and Dramatics.
(a) A (b) C (c) B (d) E
33. Who is the founder of 'ISRO'?
(a) Vikram Sarabhai
(b) APJ Abdul Kalam
(c) Shrinivasa Ramanujan
(d) Homi Jehangir Bhabha
34. A cube painted Green on all faces is cut into 27 small cubes of equal size. How many small cubes are painted on one face only?
(a) 12 (b) 8
(c) 6 (d) 1
35. What is the shape of our Milky way Galaxy?
(a) Circular (b) Spiral
(c) Elliptical (d) Diamond
36. Which of the following is the cause of the revolt of 1857?
(A) Indian soldiers were paid low salaries
(B) Jhansi was annexed owing to the doctrine of lapse.

- (C) Partition of Bengal
(D) Jallianawala Bagh Massacre
(E) Heavy taxation

Choose the **correct** answer from the options given below:

- (a) (B) and (E) only (b) (A), (B) and (E) only
(c) (A) and (B) only (d) (C), (D) and (E) only
37. Sarvy invested $\frac{1}{3}$ rd of her capital at 10% gain, $\frac{1}{4}$ th at 20% gain and the remaining at 30% gain. If her income from gain is ₹50,000, then value of capital is:
(a) ₹ 2,20,000 (b) ₹ 2,40,000
(c) ₹ 2,60,000 (d) ₹ 2,80,000
38. Necklace is related to jewellery in the same way as Shirt is related to _____.
(a) Cloth (b) Apparel
(c) Cotton (d) Thread
39. The given reaction is called _____.
 $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2$
(a) Dissociation Reaction
(b) Substitution Reaction
(c) Combination Reaction
(d) Addition Reaction
40. If the vertices of a ΔABC are A (1,3), B(3,5) and C(x,y) and centroid is $(\frac{11}{3}, \frac{16}{3})$ then (x,y) is:
(a) (8,7) (b) (7,8) (c) (4,8) (d) (7,7)
41. 'According to Big Bang theory of origin of universe, which basic unit is termed as 'Gods Particle'?
(a) Proton (b) Higgs Boson
(c) Nebula (d) Electron
42. The ratio of the base radii of a cylinder and a cone is 3:4 and their heights are in the ratio 2:3. Then the ratio of their volume:
(a) 8:9 (b) 9:8 (c) 7:13 (d) 12:15
43. **Statement:** XYZ company has marked its product, "Go ahead and purchase it, if price and quality are your consideration."
Conclusions:
I. The Product must be good in quality
II. The price of the product must be reasonable.
(a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or II follows
(d) If both conclusion I and II follows
44. How many parallelograms are there in the following figure?



- (a) 22 (b) 30 (c) 28 (d) 24

45. Five years ago, Nuri was thrice as old as Sonu. After ten years from now, Nuri will be twice as old as Sonu. Present age of Nuri and Sonu respectively are
 (a) 40 years, 20 years
 (b) 30 years, 20 years
 (c) 20 years, 50 years
 (d) 50 years, 20 years
46. If in a code language 'WORD' is written as '1234', 'GOD' as '524' and 'PUT' as '678' then 'GOOD' can be written as
 (a) 7224 (b) 6224 (c) 5224 (d) 4223
47. Find the next one in the following series.
 ZAY, XBW, VCU, TDS, _____
 (a) REQ (b) QER (c) RES (d) OEP
48. A, B, C and D are playing cards. A and B are partners. D faces towards North. If A faces towards West, then who faces towards South?
 (a) A (b) B (c) C (d) D
49. Which of the following is not the member of 'SAARC'?
 (a) Nepal (b) Srilanka
 (c) China (d) Bangladesh
50. Asha is twice as old as Anita. Three year ago, she was three times as old as Anita. How old Asha is now?
 (a) 12 years (b) 8 year
 (c) 7 year (d) 6 year
51. Match List I with List II of Player and Nick Names:

List I (Players)	List II (Nick Names)
(A) Flying Fish	(I) Harbajan Singh
(B) Black Pearl	(II) K. D. Jadhav
(C) The Turbanator	(III) Pele
(D) Pocket Dynamo	(IV) Michael Phelps

 Choose the **correct** answer from the options given below:
 (a) (A)-(IV), (B)-(II), (C)-(I), (D)-(III)
 (b) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)
 (c) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
 (d) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
52. A and B can do a work in 45 days and 40 days respectively. They started working together but A left after some days and B alone completed the remaining work in 23 days. After how many days did A leave?
 (a) 8 (b) 6 (c) 11 (d) 9
53. A sum was invested on simple interest at a certain rate for 3 years. Had it been invested at 2% higher rate, it would have fetched ₹360 more interest. The value of invested sum is:
 (a) ₹6500 (b) ₹5000
 (c) ₹6000 (d) ₹4020
54. If the mean of p, q, r is M and $pq + qr + rp = 0$, then the mean of p^2, q^2, r^2 is
 (a) M^2 (b) $3M^2$ (c) $6M^2$ (d) $9M^2$
55. If 'when' means 'multiplication', 'you' means 'divide', 'come' means 'subtract' and 'will' means 'plus'. Then what will be the value "8 when 12 will 16 you 2 come 10"?
 (a) 112 (b) 96 (c) 94 (d) 45
56. A Bus for Delhi leaves every 30 minute from a Bus stand. An enquiry clerk, Ramesh told Anil, a passenger that the bus has already left 10 minutes ago and next bus will leave at 9:35 am. At what time did the enquiry clerk gives this information to Anil?
 (a) 9:10 am (b) 9:20 am
 (c) 9:15 am (d) 9:05 am
57. Five students are standing in a circle and they are facing the centre of circle. Ajay is between Amar and Aman. Alok is on the left of Amit. Amar is on the immediate left of Alok. Who is sitting immediate right of Ajay.
 (a) Amar (b) Aman
 (c) Alok (d) Amit
58. If a 10-digit number M30348462N is divisible by both 8 and 11, then what is the value of $M^2 + N^2 - 18$?
 (a) 5 (b) 6 (c) 7 (d) 8
59. If $\frac{2}{3}$ of A = 75% of B = 0.6 of C, then A:C: B is:
 (a) 9:8:10 (b) 9:10:8
 (c) 8:9:10 (d) 10:9:8
60. The incomes of A and B are in the ratio 5:3. The expenditure of A, B and C are in the ratio 8:5:2. If C spends ₹2000 and B Saves ₹700, then what amount does A save?
 (a) ₹1500 (b) ₹1000
 (c) ₹2000 (d) ₹500