

CUET UG 2023 General Test Question Paper PDF (Jun 05, 2023) (Shift 3)

- A rectangle has its longer side 2 cm greater than its shorter side. Its area is 80cm^2 . Find the Perimeter of the rectangle (in cm).
(a) 40 (b) 38
(c) 36 (d) 32
- Brass is an alloy and it is a mixture of _____?
(a) Zinc and Copper (b) Iron and Zinc
(c) Copper and Tin (d) Zinc and Lead
- The screen behind the eye lens is called the _____?
(a) Pupil (b) Iris
(c) Ciliary muscle (d) Retina
- A solid metallic sphere of radius 8 cm is melted and recasted as a cone of height 8 cm. Find the base radius of the cone (in cm).
(a) 8 (b) 12
(c) 16 (d) 24
- Botany : Plants : : Entomology : _____?
(a) Germs (b) Birds
(c) Insects (d) Snakes
- _____ has the highest melting point among metals.
(a) Bromine (b) Mercury
(c) Tungsten (d) Carbon
- On which day, Roma went to Chennai, if week starts on Monday?
(A) Roma took leave on Wednesday.
(B) Roma went to Chennai the next day of the day his mother come to his house.
(C) Roma's mother come to his house neither on Monday nor Friday.
Choose the **most appropriate** answer from the options given below:
(a) (B) and (C)
(b) (A) and (B)
(c) (A) and (C)
(d) Even (A), (B) and (C) together are not sufficient
- Ramon Magsayasay Award was given to Arvind Kejriwal in:
(a) 2003 (b) 2004
(c) 2005 (d) 2006
- When seen through a mirror, a clock shows 8 : 30. The correct time is _____?
(a) 8 : 30 (b) 2 : 30
(c) 3 : 30 (d) 5 : 30
- If A (1, 2), B (4, y), C(x, 6) and D(3, 5) are the vertices of a parallelogram ABCD, then find the values of x and y.

- $x = 3, y = 6$ (b) $x = 6, y = 3$
(c) $x = 0, y = 0$ (d) $x = 0, y = 1$

11. Match List I with List II.

List I

List II

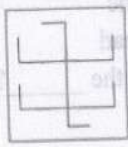
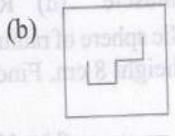
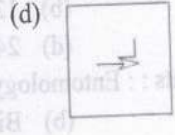
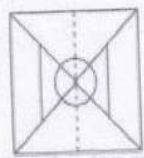
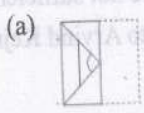
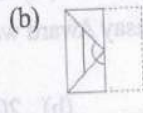
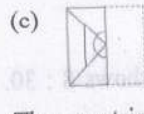
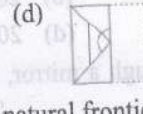
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|--------------|-----------------|
| (A) Spain | (I) Addis Ababa |
| (b) Israel | (II) Kiev |
| (C) Ethiopia | (III) Madrid |
| (D) Ukraine | (IV) Jerusalem |

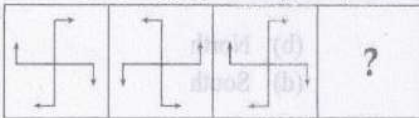
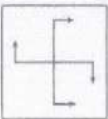
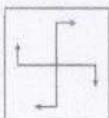
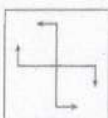
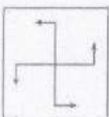
Choose the most appropriate answer from the options given below:

- (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
 - (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
 - (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
 - (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- In a 2-digit number, the ten's digit is two times its unit's digit and the number is 12 less than two times the number obtained by interchanging its digits. Find the original number.
(a) 63 (b) 42
(c) 84 (d) 12
 - The City of Seven Hills is _____?
(a) Tokyo (b) Cairo
(c) Athens (d) Rome
 - Complete the figure matrix:

(a) 	(b) 
(c) 	(d) 
 - Which pair is odd one out?
(a) 17 : 293 (b) 19 : 365
(c) 21 : 445 (d) 33 : 1097
 - In a particular week, the average earning per day of a plumber from Monday to Wednesday remained ₹ 580 and that from Thursday to Saturday it was ₹ 612. If the average earning for the whole week was ₹ 675, then how much did he earn on Sunday?
(a) ₹ 850 (b) ₹ 900
(c) ₹ 1082 (d) ₹ 1149

17. _____ protects the earth from harmful UV (Ultra-Violet) Radiation from sun.
 (a) O_2 (b) O_3
 (c) CO_2 (d) SO_2
18. Given below are two statements: one is labelled as Assertion (A) and the other is labelled as Reason (R)
 Assertion (A) : Diamond is used for cutting glass.
 Reason (R) : Diamond has a high refractive Index.
 In the light of the above statements, choose the most appropriate answer from the options given below
 (a) (A) is correct but (R) is not correct
 (b) (A) is not correct but (R) is correct
 (c) Both A and (R) are correct and (R) is the correct explanation of (A)
 (d) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
19. If $5A = 4B$, $7B = 3C$ and $2C = 7D$, then A : D is:
 (a) 5 : 6 (b) 5 : 7
 (c) 2 : 1 (d) 6 : 5
20. Three men can complete a work in 6 days and 5 women can complete the same work in 18 days. In how many days can 4 men and 10 women together complete the same work?
 (a) 3 (b) $3\frac{1}{2}$
 (c) 2 (d) $2\frac{1}{2}$
21. Five students are standing in a circle and facing the centre of circle. Abhinav is between Alok and Ankur. Apurva is on the left of Abhishek. Alok is on the left of Apurva. Who is sitting immediate right of Abhinav?
 (a) Apurva (b) Ankur
 (c) Abhishek (d) Alok
22. If GOLD is coded as HOME, COME is coded as DONE and CORD is coded as DOSE. How would the word SONS be written in that code language?
 (a) TONT (b) TPOT
 (c) TOOT (d) TOOS
23. Find the compound interest on ₹ 42000 for $1\frac{1}{2}$ years at 10% p.a. compounded annually.
 (a) ₹ 5601 (b) ₹ 5610
 (c) ₹ 6510 (d) ₹ 6620.25
24. The First Women Chief Minister of an Indian State:
 (a) V.N. Janaki Rama Chandran
 (b) Sarojini Naidu
 (c) Sucheta Kripalani
 (d) Shashi Kala Kasodkar
25. The youngest Noble Laureates of the world is _____?
 (a) Lawrence Bragg (b) Frederick Banting
 (c) Malala Yousafzai (d) Rudyard Kipling
26. Which one of the following States is the leading producer of Copper?
 (a) Uttar Pradesh (b) Madhya Pradesh
 (c) Uttarakhand (d) Odisha
27. What number should replace the question mark?
 (A) 72 : 8 (B) 156 : 12
 (C) 272 : 16 (D) 600 : _____
 Choose the **most appropriate** answer from the options given below:
 (a) 26 (b) 32
 (c) 24 (d) 22
28. Choose the alternative figure which is embedded in the problem figure :
 Problem Figure

 (a) 
 (b) 
 (c) 
 (d) 
29. **Statements :**
 (A) All Principals are men
 (B) Some Women are Principals
 (C) All humans are women
Conclusions :
 (I) All humans are men
 (II) Some humans are women
 (III) Some men are Principals
 (IV) All women are men
 (a) Only (I) follows (b) Only (II) follows
 (c) Only (III) follows (d) Only (I) and (II) follows
30. The following pattern is drawn in a transparent square sheet and folded along the dotted lines, how does it appear ?

 (a) 
 (b) 
 (c) 
 (d) 
31. The countries having natural frontiers with India are?
 (a) China, Burma and Nepal
 (b) Afghanistan, Nepal and Burma
 (c) China, Burma and Afghanistan
 (d) China, Russia and Bangladesh

32. If the selling price of 20 pens is equal to the cost price of 16 pens, then find the loss percentage.
 (a) 10% (b) 25%
 (c) 20% (d) 15%
33. Find the term which does not fit into the series: 1CV, 5FU, 9IT, 15LS, 17OR
 (a) 17OR (b) 9IT
 (c) 5FU (d) 15LS
34. Match List I with List II.
List I **List II**
 (A) Surface Tension (I) pascal
 (b) Acceleration (II) newton second
 (C) Impulse (III) joule/meter²
 (D) Viscosity (IV) meter/second²
 Choose the **most appropriate** answer from the options given below:
 (a) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
 (b) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
 (c) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
 (d) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
35. P is Q's sister. R is Q's mother, S is R's father, T is S's mother then, how is P related to S?
 (a) Grand mother (b) Grand daughter
 (c) Grand Father (d) Father
36. The speed of a train is 75 km/h. The distance covered by the train in 6 seconds is:
 (a) 80.5 m (b) 100 m
 (c) 125 m (d) 130 m
37. Find the length of the longest rod which can be used to measure exactly the lengths 5 m 13 cm, 11 m 34 cm, and 12 m 15 cm.
 (a) 11 cm (b) 9 cm
 (c) 1 m 3 cm (d) 27 cm
38. Which of the following are Zaid Crops?
 (A) Rubber (B) Cucumber
 (C) Tea (D) Watermelon
 Choose the **most appropriate** answer from the options given below:
 (a) (A) and (B) only (b) (B) and (D) only
 (c) (C) and (D) only (d) (B), (C) and (D) only
39. Find the missing figure in given pattern:

 (a)  (b) 
 (c)  (d) 
40. If mean of the data 5, 6, 8, 13, $p+3$, 8, 3 is 7 and its median is q , then find $\sqrt{p+q}$.
 (a) 3 (b) 4
 (c) 8 (d) 9
41. Mahesh is five ranks below top student Mukesh in a class of forty students. What is Mahesh's rank from the bottom in the class?
 (a) 35th (b) 33rd
 (c) 34th (d) 36th
42. If January 1 is a friday, then what is the first day of the month of March in that leap year?
 (a) Friday (b) Tuesday
 (c) Wednesdays (d) Thursday
43. Which river was the lifeline for the Harappan and Indus valley Civilization. This river is mostly extinct now?
 (a) Jhelum river (b) Indus river
 (c) Beas river (d) Saraswati river
44. In a ΔABC right angled at B, $AB = 8$ unit and $AC = 10$ unit. What is the value of $\sin^2\theta - \cos^2\theta$ where θ is $\angle ACB$?
 (a) $\frac{9}{25}$ (b) $\frac{7}{25}$
 (c) $\frac{22}{25}$ (d) $\frac{16}{25}$
45. The land of the Rising Sun is _____?
 (a) Burma (b) Norway
 (c) Japan (d) Rome
46. Who started the "Rama Krishna Mission"?
 (a) Annie Besant
 (b) Swami Vivekananda
 (c) Raja Rammohan Roy
 (d) Gopal Krishna Gokhale
47. At what time between 5 : 30 and 6 O' Clock, will the hands of a clock be at right angle?
 (a) 45 min past 5 (b) 40 min past 5
 (c) $43\frac{7}{11}$ min past 5 (d) $43\frac{3}{11}$ min past 5
48. A sum of ₹1500 is invested at 5 % p.a. simple interest. If the interest is added to the principal after every 10 years, the amount will become ₹ 3000 after :
 (a) $15\frac{1}{2}$ years (b) $16\frac{2}{3}$ years
 (c) 18 years (d) 20 years
49. Find the 50th term of the A.P. 5, 11, 17, 23, ____?
 (a) 298 (b) 299
 (c) 250 (d) 300

50. Match List I with List II.

List I

- (A) Tourism Day
(B) World Radio Day
(C) International Labour Day
(D) National Technological Day

List II

- (I) 13th February
(II) 1st May
(III) 25th January
(IV) 11th May

Choose the **most appropriate** answer from the options given below:

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

51. The length of the side of an equilateral triangle is $4\sqrt{3}$ cm.

Find its height:

- (a) 4 cm
(b) $6\sqrt{3}$
(c) $4\sqrt{3}$ cm
(d) 6 cm

52. Choose the correct sequence of the ocean according to their size:

- (A) Arctic Ocean
(B) Atlantic Ocean
(C) Indian Ocean
(D) Pacific Ocean

Choose the **most appropriate** answer from the options given below:

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

53. What percent of 3 minutes is 15 seconds?

- (a) 5%
(b) $8\frac{1}{3}\%$
(c) 12%
(d) 50%

54. Match List I with List II.

List I

- (A) Somali Current
(B) N-E Monsoon Current
(C) North Equatorial Current
(D) S-W Monsoon Current

List II

- (I) Warm and Stable
(II) Warm and Unstable
(III) Warm
(IV) Cold and Unstable

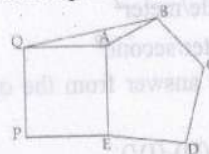
Choose the **most appropriate** answer from the options given below:

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

55. Simplify : $2 \times [4 - \{2 - (2 - 3) - (2 + 3)\} - 1] - 5 \times [-3 - (3 - 2)]$

- (a) 34
(b) 30
(c) 22
(d) -10

56. In the figure, ABCDE and AEPQ are a regular pentagon and a square respectively. What is the measure of $\angle AQB$?



- (a) 9°
(b) 14°
(c) 18°
(d) 19°

57. A and B are mutually exclusive events. The probability of occurrence of A is $\frac{3}{5}$ and the probability of occurrence of

B as $\frac{1}{3}$. What is the probability of both A and B occurring at the same time?

- (a) $\frac{14}{15}$
(b) $\frac{1}{5}$
(c) $\frac{11}{15}$
(d) 0

58. Pinky walks a distance 600m towards east, turns left moves 500m, then again turns left and walk 600 m and then turns left again and moves 500m and halts. At what distance (in meter) she is from the starting point?

- (a) 600
(b) 500
(c) 800
(d) 0

59. _____ is study of human beauty.

- (a) Ophthalmology
(b) Kalology
(c) Osteologes
(d) Nephrology

60. Four students P, Q, R and S are playing Carrom. In this game, P makes a pair with R and Q makes a pair with S. S is the right of R whose face is towards west. Which direction is S facing?

- (a) East
(b) North
(c) West
(d) South