

GAT Previous Year Paper

Q1. Article 368 of the Constitution of India pertains to which of the following provisions?

- (a) Constitutional Remedies
- (b) Impeachment of the President of India
- (c) Powers of the Supreme Court of India
- (d) Power of the Parliament to amend the Constitution

Q2. Arrange the following incidents in chronological order they occurred.

- (A) Jallianwala Bagh massacre
- (B) Gandhi-Irwin Pact
- (C) 'Purna Swaraj' accepted as Congress resolution at Lahore
- (D) Peasants movements in Kheda (Gujarat) and workers' movements in Ahmedabad

Choose the correct answer from the options given below:

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

Q3. If $\frac{1}{a} : \frac{1}{b} : \frac{1}{c} = 3 : 4 : 2$, then determine a : b : c.

- (a) 2 : 3 : 6
- (b) 4 : 3 : 6
- (c) 3 : 2 : 1
- (d) 2 : 3 : 4

Q4. Alok walks from point P to point Q which is 6 km away, then turns right and walks for 12 km to point R, again turns right and goes 11 km to point S. What is the distance between points P and S ?

- (a) 8 km
- (b) 11 km
- (c) 10 km
- (d) 13 km

Q5. Which mineral is directly used in manufacturing bleaching powder, insecticides and paints?

- (a) Lead
- (b) Manganese
- (c) Copper
- (d) Bauxite

Q6. In what time will the simple interest on ₹2200 at 6% per annum be the same as that on ₹1650 at 9% per annum in 10 years?

- (a) 11 years and 3 months
- (b) 12 years
- (c) 12 years and 8 months
- (d) 11 years

Q7. Madhu is thirteenth from the end in a column of girls. There were thrice as many in front of her as there were behind. How many girls are there between Madhu and the fifth girl from the front of the column?

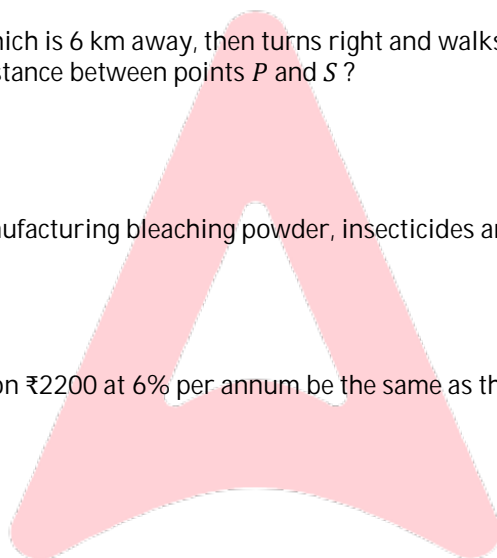
- (a) 31
- (b) 30
- (c) 29
- (d) 32

Q8. The tops of two poles of height 25 m and 16 m are connected by a wire. If the wire makes an angle 30° with the vertical, then the distance between the two poles is

- (a) $9\sqrt{3}$ m
- (b) $\frac{9\sqrt{3}}{2}$ m
- (c) $6\sqrt{3}$ m
- (d) $3\sqrt{3}$ m

Q9. The areas of three adjacent faces of a cuboidal box are 96 cm^2 , 48 cm^2 and 72 cm^2 , respectively. The volume of the box is

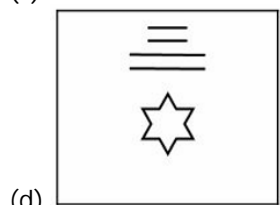
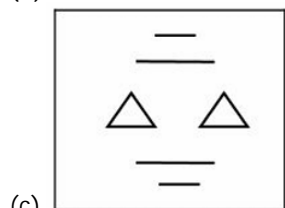
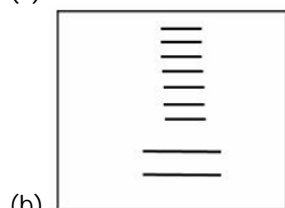
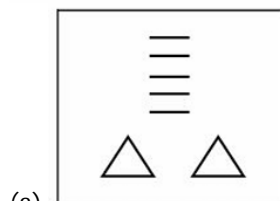
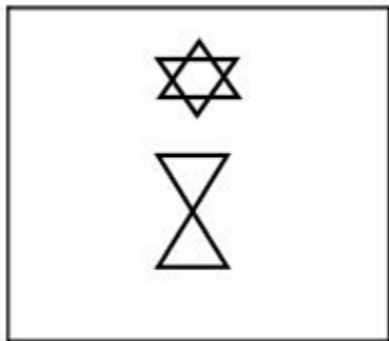
- (a) 720 cm^3
- (b) 576 cm^3
- (c) 288 cm^3
- (d) 420 cm^3



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Q10. Select the correct answer option that can form the Problem Figure given below.

Problem Figure:



Q11. Match List-I with List-II.

List-I (Elements)	List-II (Atomic Mass (u))
(A) Oxygen	(I) 12
(B) Carbon	(II) 23
(C) Calcium	(III) 16
(D) Sodium	(IV) 40

Choose the correct answer from the options given below:

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

Q12. The Great Smoky Mountains National Park, a UNESCO World Heritage Site, is located in which country?

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- (a) United States of America
- (b) Zimbabwe
- (c) Australia
- (d) New Zealand

Q13. If RAIN is coded as 9432 and WET is coded as 865 , then how would you encode INTERNET?

- (a) 32596265
- (b) 32956265
- (c) 32596256
- (d) 32569265

Q14. The 'Startup India' initiative to foster entrepreneurship and promote innovation was launched by the Government of India in which year?

- (a) 2014
- (b) 2015
- (c) 2016
- (d) 2017

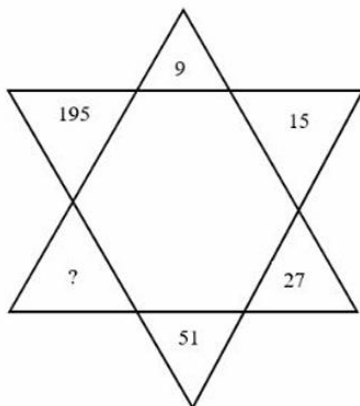
Q15. In which year was The Indian People's Theatre Association (IPTA) founded?

- (a) 1943
- (b) 1953
- (c) 1932
- (d) 1935

Q16. Which of the following Earth Observation Satellites was launched on February 10, 2023?

- (a) EOS- 06
- (b) EOS – 07
- (c) Cartosat-3
- (d) HysIS

Q17. Find the missing number from the given alternatives.



- (a) 101
- (b) 99
- (c) 105
- (d) 95



Q18. Two dogs are standing 960 m apart from each other. The first dog runs at a speed of 9 m/s and the second runs at 7 m/s. If two dogs run towards each other, after how much time will they bump into each other?

- (a) 80 s
- (b) 60 s
- (c) 70 s
- (d) 50 s

Q19. Which among the following are fibre crops?

- (A) Cotton
- (B) Jute
- (C) Hemp

(D) Berseem

Choose the correct answer from the options given below:

- (a) (A), (B) and (C) only
- (b) (B), (C) and (D) only
- (c) (A), (B) and (D) only
- (d) (A), (C) and (D) only

Q20. Find the angle traced by the hour hand of a correct clock between 10 a.m. and 3:44 p.m. on the same day.

- (a) 164°
- (b) 194°
- (c) 172°
- (d) 180°

Q21. In an arithmetic progression, if 6 is the third term, the ninth term exceeds the seventh term by 3, then 12 is which term?

- (a) Fifth
- (b) Ninth
- (c) Seventh
- (d) Eighth

Q22. Arrange the following Nobel Prize awardees for literature in chronological order, beginning with the earliest to the most recent.

- (A) Annie Ernaux
- (B) Abdulrazak Gurnah
- (C) Louise Gluck
- (D) Jon Fosse

Choose the correct answer from the options given below:

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

Q23. In the following question, four groups of letters are given, out of which three are alike in a certain way while one is different. Choose the odd one.

- (a) MOQN
- (b) CEGD
- (c) HJLI
- (d) UVXT

Q24. Pointing to a girl, Virendra said, "She is the youngest daughter of my father-in-law's only daughter". How is Virendra related to that girl's mother?

- (a) Brother
- (b) Husband
- (c) Father
- (d) Brother-in-law

Q25. Which of the following letters of the Alphabet change(s), when viewed through a mirror?

- (A) W
- (B) N
- (C) S
- (D) T

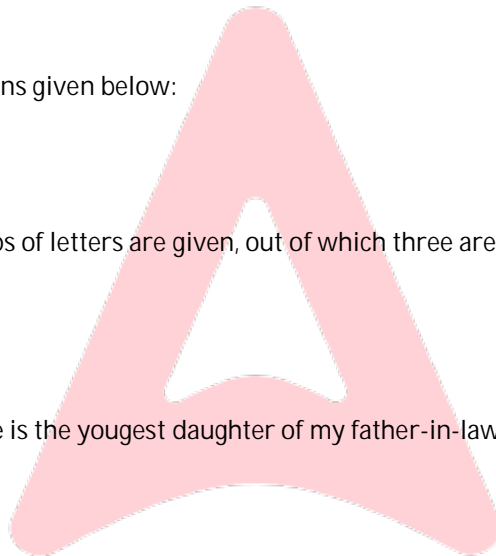
Choose the correct answer from the options given below:









- (a) (B) and (C) only
- (b) (C) only
- (c) (B), (C) and (D) only
- (d) (B) only

Q26. If the points $X(2, -1)$, $Y(3, k)$, $Z(1, 4)$ are collinear, then the value of k is

- (a) -4
- (b) 6
- (c) -6
- (d) 4

Q27. Find out which of the answer figures completes the figure matrix?



		
		
		?



(a)



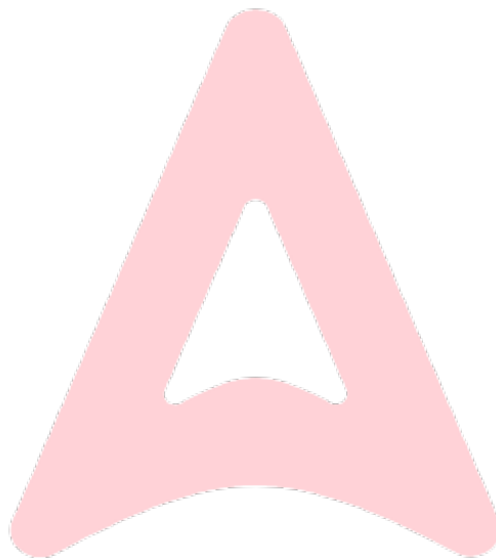
(b)



(c)



(d)



Q28. Which of the following cities of Rajasthan is known as Golden City?

- (a) Kota
- (b) Jaisalmer
- (c) Udaipur
- (d) Jodhpur

Q29. X sold an article to Y at a profit of 18%. Later on, Y sold it back to X at a profit of 40%, thereby gaining ₹118. How much did X pay for the article originally?

- (a) ₹ 300
- (b) ₹ 220
- (c) ₹ 280
- (d) ₹ 250

Q30. The force of attraction between two unit point masses separated by a unit distance is called:

- (a) Universal gravitational constant
- (b) Acceleration due to gravity
- (c) Gravitational potential
- (d) Gravitational field

Q31. Which of the following pair of numbers is relatively prime to each other?


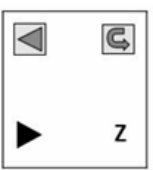
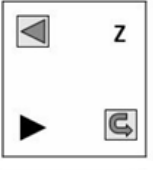
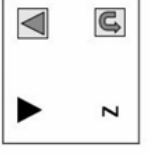
- (a) (371,159)

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- (b) (407,259)
- (c) (95,112)
- (d) (57,123)

Q32. Which one of the option figures should come next, if the sequence of the Problem Figures given below were to continue?
Problem Figures



- (a) 
- (b) 
- (c) 
- (d) 

Q33. Match List-I with List-II.

List-I	List-II
Religious Teachers	Areas of Indian Sub Continent
(A) Tukaram	(I) Punjab
(B) Malik Muhammad Jayasi	(II) Maharashtra
(C) Lal Ded	(III) Uttar Pradesh
(D) Miyan Mir	(IV) Kashmir

Choose the correct 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) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (d) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

Q34. Which among the following subject matters is included in Residuary Power, on which Union Government alone has the power to make laws?

- (a) Agriculture
- (b) Cyber Laws
- (c) Forest
- (d) Prison

Q35. If $2^{(x+y)} = 64$ and $128^{(x-y)} = 2$, then what is the value of x ?

- (a) 41/14
- (b) 43/14
- (c) 21/7

(d) 22/7

Q36. In how many ways are the letters of the word DOCUMENT arranged so that all the vowels always come together?

(a) 2160

(b) 4320

(c) 1440

(d) 19440

Q37. Find the next term in the following alphanumeric series:

C12W, D200, G30I, L42E, ?

(a) R 56 B

(b) S56C

(c) R58C

(d) S58B

Q38. Two friends, P and Q, appeared in an interview for two vacancies for the same post. The probability of P's selection is $\frac{1}{3}$ and that of Q's selection is $\frac{2}{7}$. What is the probability that at least one of them will be selected?

(a) $\frac{15}{21}$

(b) $\frac{11}{21}$

(c) $\frac{13}{21}$

(d) $\frac{9}{21}$

Q39. Pasturage is related to:

(a) Mariculture

(b) Apiculture

(c) Sericulture

(d) Pisciculture

Q40. Who among the following found a formula for "infinite series for pi"?

(a) Aryabhata

(b) C. V. Raman

(c) Srinivasa Ramanujan

(d) P. C. Mahalanobis

Q41. 8 men and 3 boys together can complete a piece of work in 5 days. If 5 boys can complete the same piece of work in 15 days, in how many days do 5 men complete the same piece of work?

(a) 8

(b) 14

(c) 12

(d) 10

Q42. Who among the following is NOT a winner of the Nobel Prize for Chemistry 2024?

(a) David Baker

(b) Geoffrey Hinton

(c) John Jumper

(d) Demis Hassabis

Q43. India's sex ratio of birth at the national level has improved from 918 in 2014-2015 to _____ in 2023-2024.

(a) 945

(b) 930

(c) 990

(d) 958

Q44. Eight friends, A, D, H, I, K, N, S and U are seated in a circle facing the centre. S is between H and U. K is third to the left of I. A is between N and I. U is third to the right of D. Which of the following must be true?

(A) N is seated next to K.

(B) U is seated next to D.

(C) I is seated next to D.

(D) A is seated third to the right of S.

Choose the correct answer from the options given below:

(a) (A), (C) and (D) only

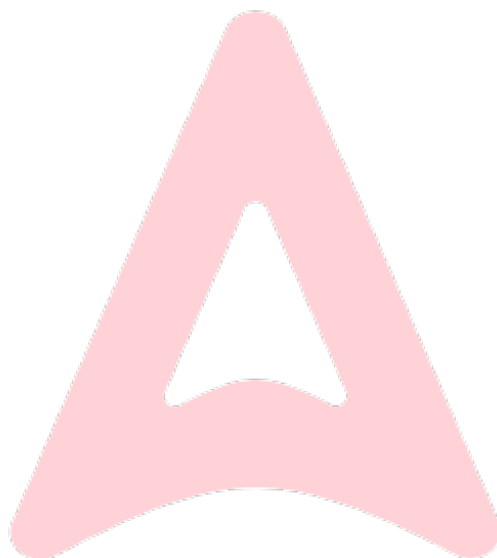
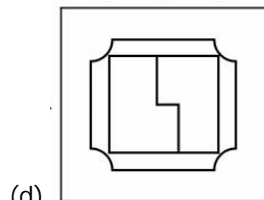
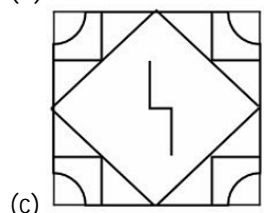
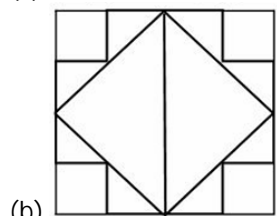
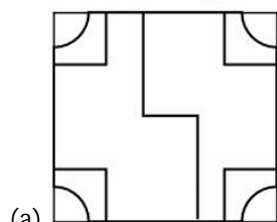
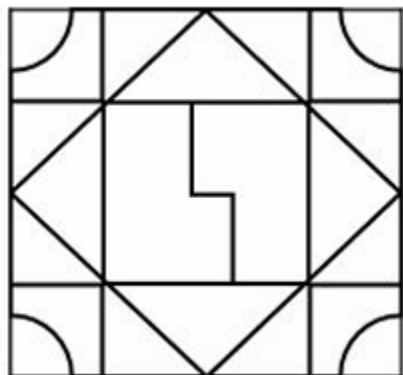
(b) (B) and (D) only

(c) (A), (B), (C) and (D)

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(d) (A) and (C) only

Q45. Choose the answer figure which is embedded in the question figure given below.



Q46. The mean of 6 numbers is 19 . If two more numbers are included, the mean of the 8 numbers becomes 23 . What is the sum of the two included numbers?

- (a) 72
- (b) 68
- (c) 70
- (d) 67

Q47. India shares a land border with which of the following neighboring countries?

- (A) Afghanistan
- (B) Myanmar
- (C) Bhutan
- (D) Sri Lanka

Choose the correct answer from the options given below:

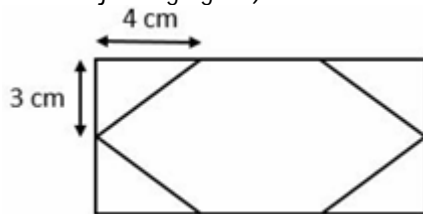
- (a) (A), (B) and (D) only
- (b) (A), (B) and (C) only

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(c) (B), (C) and (D) only

(d) (A), (C) and (D) only

Q48. A boy was playing with a rectangular cardboard of dimensions $13 \text{ cm} \times 6 \text{ cm}$. While playing, he sliced off identical triangles from the corners of the cardboard in such a manner that a figure having all its sides equal was generated (as shown in the adjoining figure). The area of this six-sided figure is:



(a) 66 cm^2

(b) 54 cm^2

(c) $\frac{75\sqrt{3}}{2} \text{ cm}^2$

(d) 60 cm^2

Q49. If 17th March falls on 4th day after tomorrow which is Thursday, then what day of week will fall on the last date of the month?

(a) Sunday

(b) Tuesday

(c) Friday

(d) Monday

Q50. Who was Megasthenese?

(a) A Greek ambassador to the court of Chandragupta Maurya.

(b) A Greek ambassador to the court of Samudragupta.

(c) A Greek ambassador to the court of Bindusara.

(d) A Greek ambassador to the court of Ashoka.

