

Q1. Which among the following countries won the highest number of medals in Paris Olympics 2024?

- (a) People's Republic of China
- (b) France
- (c) Japan
- (d) United States of America

Q2. Consider a group comprising of 4 students-A, B, C and D, who along with other students stand in a row. A and B stand in sixth and seventh positions, respectively from the left. C and D stand in the fourth and fifth positions, respectively from the right. When B and C exchange their positions, then B will be 15 th from the left.

With reference to the information given above, which of the following statements are correct?

- (A) D's position from the left is 16th.
- (B) A's position from the right is 13 th.
- (C) C's position from the right is 12 th, after exchange.
- (D) If A and D also exchange their positions between themselves, then D's position from the left is 6th.

Choose the correct answer from the options given below:

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

Q3. Two perpendicular cross roads of equal width run through the middle of a rectangular field of length 80 m and breadth 60 m . If the area of the cross roads is 675 square meters, then the width of each road is:

- (a) 5 m
- (b) 2.5 m
- (c) 12 m
- (d) 15 m

Q4. Which of the following statements are correct about Objectives Resolution?

- (A) Jawaharlal Nehru introduced the 'Objectives Resolution' in the Constituent Assembly.
- (B) It was introduced on December 13, 1948.
- (C) It was a resolution that outlined the defining ideals of the Constitution of Independent India.
- (D) It provided the framework within which the work of Constitution making head to proceed.

Choose the correct answer from the options given below:

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

Q5. A watch that gains uniformly, is two minutes slow at noon on Monday and is 4 minutes 48 seconds fast at 2 pm on the following Monday. When was the watch showing the correct time?

- (a) 2 pm on Tuesday
- (b) 2 pm on Wednesday
- (c) 3 pm on Tuesday
- (d) 1 pm on Friday

Q6. The terms in the given alpha-numeric series follow a certain pattern. However, some terms are missing. Choose the correct sequence of the missing terms from the options given below:

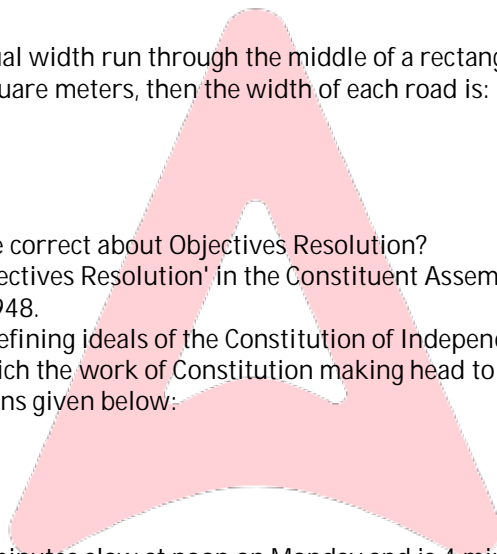
Z\_25YB23XC\_W\_19\_E17

- (a) A, 27, C, V
- (b) X, 21, C, W
- (c) X, 27, F, W
- (d) A, 21, D, V

Q7. If the 5th and 9th terms of an arithmetic progression are 7 and 13, respectively, then the 15th term is:

- (a) 22
- (b) 21
- (c) 55
- (d) 59

Q8. Which of the following is not a Kharif crop?



- (a) Groundnut
- (b) Paddy
- (c) Wheat
- (d) Bajra

Q9. Sound cannot travel through:

- (a) Air
- (b) Water
- (c) Steel
- (d) Vacuum

Q10. Which of the following are animal hormones?

- (A) Auxin
- (B) Adrenaline
- (C) Thyroxine
- (D) Oestrogen

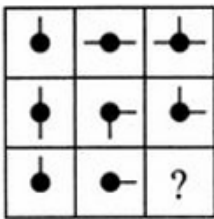
Choose the correct answer from the options given below:





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

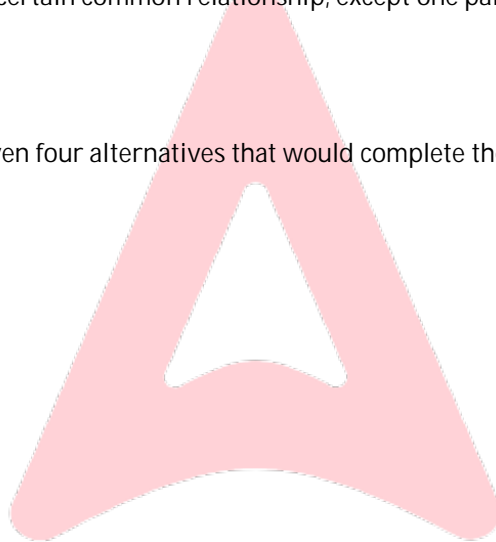
Q11. The following pairs of words bear a certain common relationship, except one pair. Choose the odd pair of words.

- (a) Beautician : Parlour
- (b) Chemist: Medicine
- (c) Lawyer : Court
- (d) Engineer: Site

Q12. Choose a suitable figure from the given four alternatives that would complete the following figure matrix:



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



Q13. What is the compound interest earned on Rs. 80000 at 40% per annum in one year, compounded quarterly?

- (a) Rs. 28317
- (b) Rs. 37128
- (c) Rs. 18732
- (d) Rs. 21387

Q14. From a point exactly midway between the foot of two towers  $P$  and  $Q$ , the angle of elevation of their tops are  $30^\circ$  and  $60^\circ$ , respectively. The ratio of the heights of tower  $P$  to that of  $Q$  is:

- (a) 1: 3
- (b) 1: 2
- (c)  $1: 2\sqrt{3}$
- (d)  $1: \sqrt{3}$

Q15. Which of the following is NOT a form of Hindustani music?

## GAT Previous Year Paper

- (a) Thumri
- (b) Dhrupad
- (c) Khayal
- (d) Sattriya

Q16. A bag contains 4 red, 5 blue and 3 green balls. If two balls are drawn at random from the bag, then which of the following statements are correct?

- (A) The probability that both balls are red is  $\frac{1}{11}$
- (B) The probability that one ball is red, and one ball is blue is  $\frac{10}{33}$ .
- (C) The probability that both balls are blue is  $\frac{5}{33}$
- (D) The probability that both balls are green is  $\frac{5}{11}$ .

Choose the correct answer from the options given below:

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

Q17. The Ministry of Small and Medium Enterprise launched the MSME-SAMBANDH portal in 2017 pertaining to which one of the following?

- (a) To tackle issues related to delayed payments to Micro and Small Enterprises (MSME) by the buyers to the MSME suppliers.
- (b) To facilitate the job seekers and recruiters to register themselves for mutually beneficial interaction.
- (c) To monitor the procurement by central government ministries, departments and central public sector enterprise.
- (d) To provide concessional credit to Micro and Small enterprises.

Q18. If  $2x + 3y = 26$  and  $y - x = 2$ , then the value of  $x + y$  is:

- (a) 11
- (b) 10
- (c) 9
- (d) 8

Q19. Match List-I with List-II

List-I (Books)	List-II (Authors)
(A) Kinship Organisation in India	(I) R. S. Sharma
(B) Perspectives in Social and Economic History of Early India	(II) V. S. Sukthankar
(C) On the Meaning of the Mahabharata	(III) Romila Thapar
(D) Cultural Pasts: Essays in Early Indian History	(IV) Iravati Karve

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

Q20. If the difference between 62% and 80% of a number is 198, then the difference between 92% and 56% of the number will be:

- (a) 1100
- (b) 360
- (c) 3564
- (d) 396

Q21. 18 women complete a work in 24 days and 24 men complete the same work in 15 days. 16 women worked for 3 days and then they left. 20 men worked for the next 2 days, and then they are joined by 16 women. In how many days will they finish the remaining work?

- (a)  $6\frac{1}{5}$
- (b)  $7\frac{3}{5}$
- (c)  $8\frac{2}{5}$

(d)  $9\frac{1}{5}$

Q22. In a certain code, PLEADING is written as FMHCZDKO. How is SHOULDER written in that code?

- (a) KCDQTNGR
- (b) QDCKVPIT
- (c) QDCKTNGR
- (d) TNGRQDCK

Q23. A cylindrical jar having a base of radius 15 cm, is filled with water up to a height of 20 cm. If a solid iron spherical ball of radius 10 cm is dropped in the jar to submerge completely in the water, then the increase in the level of water is:

- (a)  $5\frac{17}{27}$  cm
- (b)  $5\frac{5}{27}$  cm
- (c)  $5\frac{8}{9}$  cm
- (d)  $5\frac{25}{27}$  cm

Q24. The reflection of the point (6, -3) on the line  $y = 2$  is:

- (a) (6,3)
- (b) (6,7)
- (c) (-6,7)
- (d) (-2,3)

Q25. Match List-I with List-II.

List-I	List-II
(A) The number of different words that can be formed with CUSTOM with the condition that the word should begin with M is .	(I) 70
(B) The number of different ways in which the letters of the word EXTRA can be arranged so that the vowels are never together is.	(II) 45
(C) There are 10 points in a plane. No three of these points are in a straight line. The total number of straight line that can be formed by joining the two points is ....	(III) 72
(D) The number of ways a committee of 4 people be chosen out of 8 people is .	(IV) 120

Choose the correct answer from the options given below:

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

Q26. Read the given statements and conclusions carefully.

Assuming that the given information in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.

Statements :


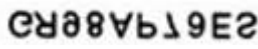
- (A) All birds are trees.
- (B) Some trees are hens.

Conclusions:

- I. Some birds are hens.
- II. Some hens are trees.
- (a) Both conclusions I and II follow.
- (b) Only conclusion I follows.
- (c) Only conclusion II follows.
- (d) Neither conclusion I nor conclusion II follow.

Q27. GR98AP76ES

The water image of the above combination is:

- (a) 
- (b) 

(c) **CR08A710E2**

(d) **CR08A710E2**

Q28. In which year, the Uttaranchal (Alternation of Name) Act was enacted, renaming the state as Uttarakhand?

- (a) 2000
- (b) 2002
- (c) 2004
- (d) 2006

Q29. Rearing of silk worms for the production of silk is known as :

- (a) Pisciculture
- (b) Horticulture
- (c) Sericulture
- (d) Viticulture

Q30. Who has been awarded with Sahitya Akademi award 2024 for Hindi?

- (a) Gagan Gill
- (b) Mamta Kalia
- (c) Anamika
- (d) Badrinarayan

Q31.

$$1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{10} =$$

- (a) 1.75
- (b) 1.95
- (c) 1.65
- (d) 1.85

Q32. Which one among the following is NOT a power of the Rajya Sabha?

- (a) Approves Constitutional amendments
- (b) Participates in the election and removal of the President, judges of the Supreme Court and High Courts.
- (c) Rejects and amends proposals for taxation, budgets and annual financial statements.
- (d) It alone can initiate the procedure for removal of the Vice President.

Q33. Read the information given below carefully.

- (A) The capital of Barbados is Bridgetown
- (B) The capital of Australia is Melbourne
- (C) The capital of Germany is Berlin
- (D) The capital of Switzerland is Geneva

Choose the correct answer from the options given below :

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

Q34. Match List-I with List-II

List-I	List-II
(Books)	(Authored/Edited by)
(A) The Other Side of Silence: Voices from the Partition of India	(I) Alok Bhalla
(B) India's Partition: Process, Strategy and Mobilization	(II) Urvashi Butalia
(C) Remembering Partition : Violence, Nationalism and History in India	(III) Mushirul Hasan
(D) Stories about the Partition of India	(IV) Gyanendra Pandey




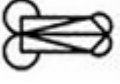
Choose the correct answer from the options given below:

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

Q35. The following figure is embedded in any one of the four given alternatives.



Choose the correct alternative which contains the above figure as its part.

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

Q36. The sum of digits of a two-digit number is 14 and the difference between the two digits of the number is 2 . The product of the two digits of the number is:

- (a) 86
- (b) 56
- (c) 48
- (d) 54

Q37. If it was Saturday on January 1,2000 , then January 1,2001 , would have been:

- (a) Monday
- (b) Tuesday
- (c) Friday
- (d) Saturday

Q38. All the six members of a family, A, B, C, D, E and F travel together. B is the son of C but C is not the mother of B, A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of B.

In reference to the above information, which of the following statements are correct?

- (A) A is the mother of B.
- (B) D is the wife of E.
- (C) A and D are a pair of females.
- (D) There are four male members in the family.

Choose the correct answer from the options given below:

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

Q39. Two numbers are in the ratio 3: 5. If 3 is subtracted from the first number and 3 is added to the second number, the ratio becomes 1: 3. The sum of the numbers is?

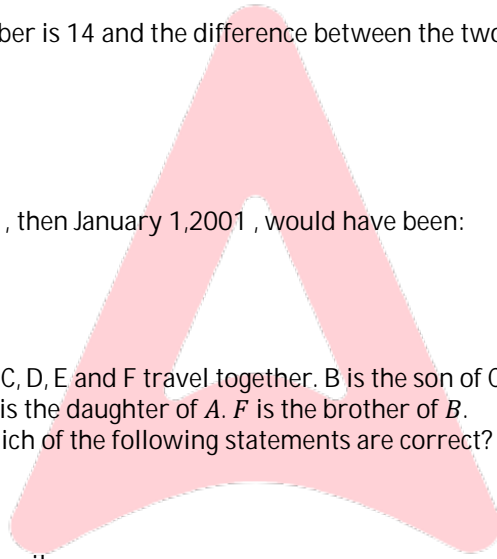
- (a) 40
- (b) 32
- (c) 16
- (d) 24

Q40. Which of the following is a satellite specifically for Earth Observation?

- (a) EOS-07
- (b) Aditya-L1
- (c) GAGAN
- (d) INS-1C

Q41. Who among the following is known as the 'Missile Man of India'?





- (a) Vikram Sarabhai



- (b) K. Radhakrishnan
- (c) Homi J. Bhabha
- (d) A.P.J. Abdul Kalam

Q42. Select a figure from the given four alternatives which fits exactly into the following figure to form a complete square.



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

Q43. If the data is not following a symmetrical distribution, then the relationship between mean, median and mode is:

- (a) Median = 3 Mode - 2 Mean
- (b) Mode = 2 Median - 3 Mean
- (c) Mode = Median = Mean
- (d) Mode = 3 Median - 2 Mean

Q44. The ratio of speeds of a train and a car is 16: 15, respectively. A bus covers a distance of 480 km in 8 hours. If the speed of the bus is 3/4th of the speed of the train, then the distance covered by the car in 6 hours is:

- (a) 450 km
- (b) 480 km
- (c) 360 km
- (d) 540 km

Q45. The India-Myanmar land border does not run along which state of India?

- (a) Arunachal Pradesh
- (b) Nagaland
- (c) Tripura
- (d) Mizoram

Q46. Put the following major battles in chronological order:

- (A) Battle of Kannauj
- (B) Battle of Haldighati
- (C) Battle of Chausa
- (D) Second battle of Panipat

Choose the correct answer from the options given below:

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

Q47. Arrange the following elements in order of their number of neutrons, beginning from less to more:

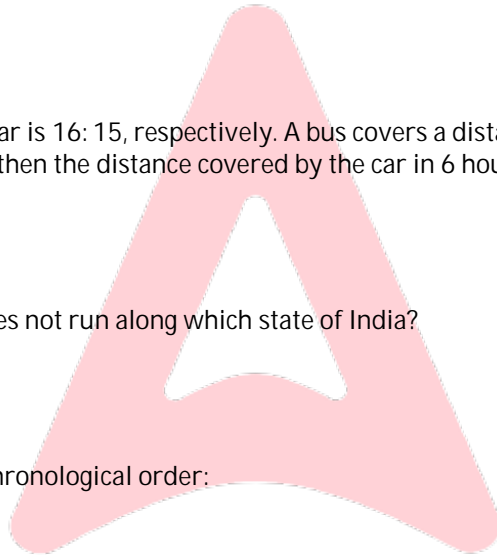
- (A) Nitrogen
- (B) Silicon
- (C) Beryllium
- (D) Fluorine

Choose the correct answer from the options given below:

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

Q48. The missing term in the following series is:

N5V, K7T, ?, E14P, B19N



## GAT Previous Year Paper

- (a) H9R
- (b) H10Q
- (c) H10R
- (d) J10R

Q49. Rekha moves 15 km in East direction, then turns towards North and moves 4 km . From here she turns towards West and travels 12 km . How far and in which direction is she from her starting point?

- (a) 31 km , South-West
- (b) 5 km , North-East
- (c) 19 km , North-East
- (d) 27 km , South-West

Q50. Match List-I with List-II

List-I	List-II
River Projects in India	The Beneficiary States of India
(A) Bhakra Nangal Project	(I) Punjab, Himachal Pradesh, Rajasthan
(B) Hirakud Project	(II) Bihar
(C) Kosi Project	(III) Karnataka and Andhra Pradesh
(D) Tungabhadra Project	(IV) Odisha

Choose the correct answer from the options given below:

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

