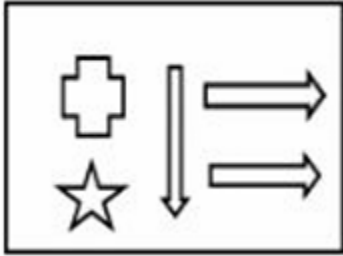
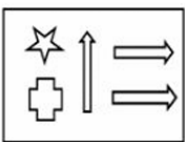
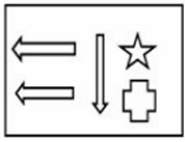
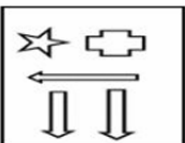
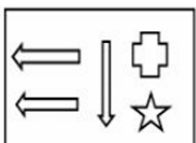


Q1. If ROBUST is coded as QNATRS in a certain language, which word will be coded as ZXCMP?

- (a) BZEOR
- (b) AYDNO
- (c) YWBLO
- (d) AWDLO

Q2. Identify the mirror image of the given figure :



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



Q3. Find the coordinates of the point which divides the line segment joining the points (4, -3) and (8,5) internally?

- (a) (7,3)
- (b) (3,7)
- (c) (2, -2)
- (d) (-4,6)

Q4. If $\sqrt{2} : (1 + \sqrt{3}) :: \sqrt{6} : x$, then x is equal to:

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

Q5. Which one among the following is a major relief feature in the Ocean floor ?

- (a) Mid-Oceanic Ridges
- (b) Deep Sea Plain

GAT Previous Year Paper

- (c) Seamount
- (d) Submarine Canyons

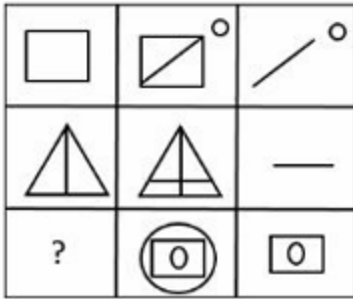
Q6. If area of a square is 44 cm^2 , find the area of the circle formed by the same perimeter.


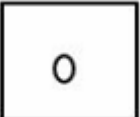
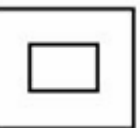
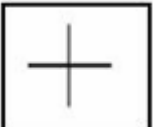
- (a) 50 cm^2
- (b) 28 cm^2
- (c) 56 cm^2
- (d) 16 cm^2

Q7. Rohit walks 30 m straight from his school towards the North, Then he turns left and walks 20 m . He turns left again and walks 10 m . Finally, he turns left and walks 20 m to reach point A. What is the shortest distance between his school and point A.

- (a) 10 m
- (b) 20 m
- (c) 30 m
- (d) 5 m

Q8. Find out which of the answer figure completes the given matrix and will come in place of ' ? ' :



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



Q9. Match List-I with List-II

List-I	List-II
Item	Acid
(A) Vinegar	(I) Citric Acid
(B) Orange	(II) Tartaric Acid
(C) Tamarind	(III) Oxalic Acid
(D) Tomato	(IV) Acetic Acid

Choose the correct answer from the options given below:

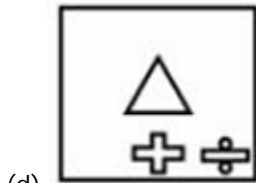
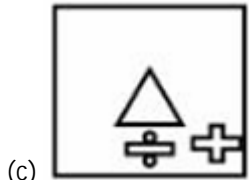
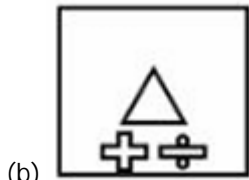
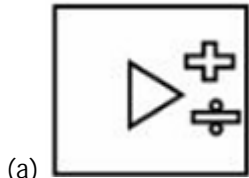
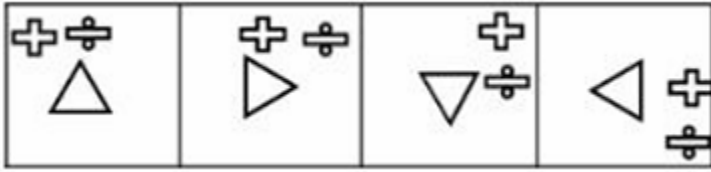
- (a) (A) - (IV), (B) - (I), (C) - (II), (D) - (III)
- (b) (A) - (IV), (B) - (I), (C) - (III), (D) - (II)

GAT Previous Year Paper

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

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

Q10. Select a figure from the options which would continue the given series:



Q11. Match List-I with List-II.

List-I	List-II
(Books)	(Authors)
(A) Farewell to Arms	(I) V.S.Naipaul
(B) A Tale of Two Cities	(II) Ernest Hemingway
(C) A House for Mr. Biswas	(III) Arthur Miller
(D) Death of a Salesman	(IV) Charles Dickens

Choose the correct answer from the options given below:

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

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

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

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

Q12. What is the period of rise of the Chalukyas in Karnataka and of the Pallavas in Tamil Nadu?

(a) 500 – 600CE

(b) 500–600 BCE

(c) 100–200 CE

(d) 100 – 200 BCE

Q13. Put the following Viceroys of India in chronological order beginning from the earliest to the latest?

(A) Lord Minto II

- (B) Sir John Lawrence
 (C) Lord Wavell
 (D) Lord Linlithgow

Choose the correct answer from the options given below:

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

Q14. A sales agent travels a distance of 50 km in 2 hours and 30 minutes. How much faster, in kilometers per hour, on average, must he travel to make such a trip in $\frac{5}{6}$ hours less time?

- (a) 40
 (b) 30
 (c) 20
 (d) 10

Q15. Consider the compound interest of the following

- (A) The compound interest on Rs 16000 at 20% per annum for 9 months, compounded quarterly is: Rs 2522
 (B) The compound interest on Rs 2800 at 10% per annum for 18 months, compounded annually is: Rs 434

Choose the correct statement(s) :

- (a) Only (A)
 (b) Only (B)
 (c) Both (A) and (B)
 (d) Neither (A) nor (B)

Q16. Identify the odd one out:

- (a) Jayanta Talukdar
 (b) Aman Saini
 (c) Anshu Malik
 (d) Dola Banerjee

Q17. The focal length of a spherical mirror is equal to:

- (a) A quarter of its radius of curvature
 (b) Half of its radius of curvature
 (c) Three quarters of its radius of curvature
 (d) Equal to its radius of curvature

Q18. Put the following religious teachers in chronological order beginning from the earliest to the latest:

- (A) Thondaradippodi Azhwar in Tamil Nadu
 (B) Nizamuddin Auliya in Delhi
 (C) Basavanna in Karnataka
 (D) Sri Chaitanya in Bengal

Choose the correct answer from the options given below:

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

Q19. Which one of the following gland is responsible for the secretion of growth hormones?

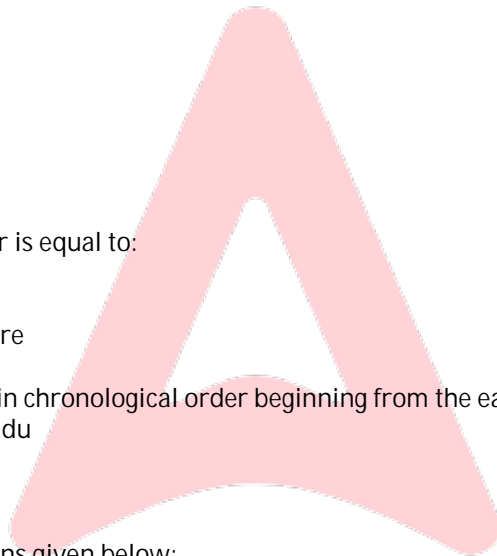
- (a) Pineal Gland
 (b) Pituitary Gland
 (c) Thyroid Gland
 (d) Adrenal Gland

Q20. The angle of elevation of the top of an unfinished tower at a distance of 75 m from its base is 30° . How much higher must the tower be raised so that the angle of elevation of its top at the same point may be 60° ?

- (a) $20\sqrt{3}$ m
 (b) $50\sqrt{3}$ m
 (c) 30 m
 (d) 60 m

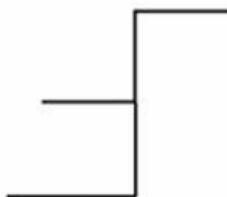
Q21. Two persons A and B appear in an interview for two vacancies. If the probabilities of their selections are $\frac{1}{4}$ and $\frac{1}{6}$ respectively, then the probability that none of them is selected shall be :

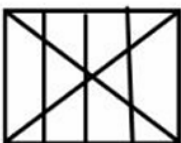
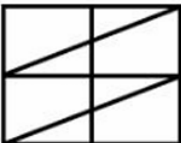
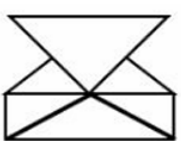
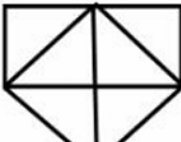
- (a) $\frac{1}{12}$

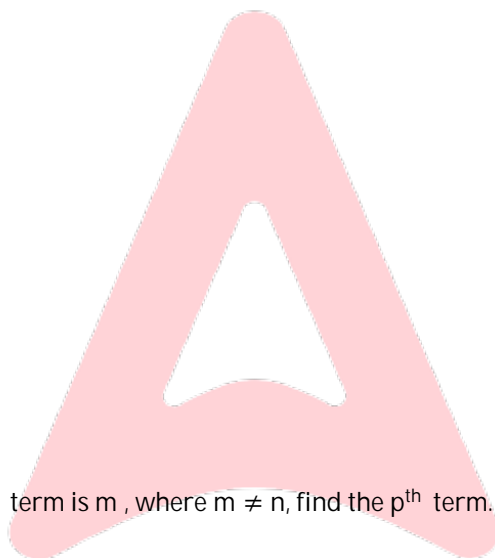


- (b) $\frac{1}{24}$
- (c) $\frac{5}{12}$
- (d) $\frac{5}{8}$

Q22. Select the option in which the given figure is embedded



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



- Q23. In an A.P. if m^{th} term is n and the n^{th} term is m , where $m \neq n$, find the p^{th} term.
- (a) $n + m + p$
 - (b) $m - p$
 - (c) $n + m - 1$
 - (d) $n + m - p$

Q24. Which one of the following statement(s) is/are correct?

- (A) Every whole number is a natural number.
- (B) Every natural number is a whole number.
- (C) Every integer is a whole number.
- (D) Every rational number is a whole number

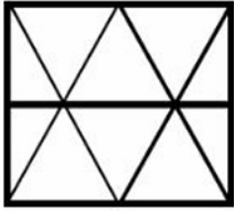
Choose the correct answer from the options given below:

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

Q25. Identify the Odd One Out:

- (a) Hypertension
- (b) Ulcer
- (c) Kidney
- (d) Anaemia

Q26. How many triangles are there in the following figure?



- (a) 18
- (b) 16
- (c) 12
- (d) 20

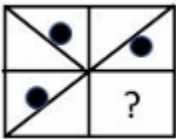
Q27. Which one among the following schemes was introduced by the Government of India with the objective of universal access to banking facilities, for all households across the country, through a bank branch, or a fixed point business correspondent within a reasonable distance?





- (a) Pradhan Mantri Mudra Yojana
- (b) Pradhan Mantri Vyay Vandana Yojana
- (c) Pradhan Mantri Suraksha Bima Yojana
- (d) Pradhan Mantri Jan Dhan Yojana

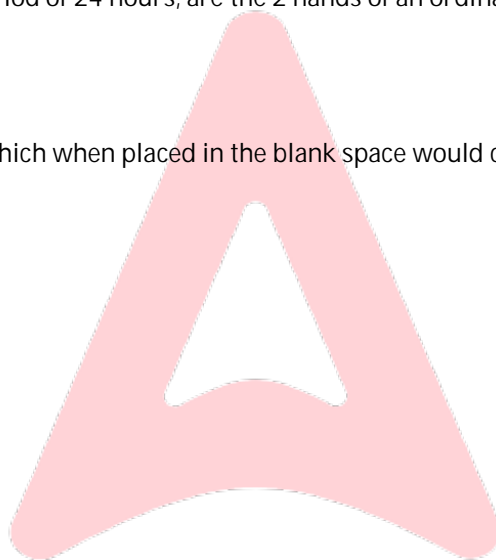
Q28. How many times in a continuous period of 24 hours, are the 2 hands of an ordinary clock at a right angle ?

- (a) 25 times
- (b) 12 times
- (c) 44 times
- (d) 48 times

Q29. Select the figure from the options, which when placed in the blank space would complete the given pattern.



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



Q30. Amit and Pankaj are brothers. Rekha is the daughter of Kapil and sister of Amit. How is Pankaj's mother related to Kapil.

- (a) Sister
- (b) Wife
- (c) Sister-in-law
- (d) Mother

Q31. *A* and *B* can do a piece of work in 12 days. *B* and *C* together can do it in 15 days. If *A* is twice as good a workman as *C*, find the number of days in which *B* alone can do the work?

- (a) 10 days
- (b) 20 days
- (c) 5 days
- (d) 12 days

Q32. Which of the following are non-metallic minerals?

- (A) Mica

- (B) Bauxite
(C) Granite
(D) Potash

Choose the correct answer from the options given below:

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

Q33. Banda, a major city in Uttar Pradesh, is located on the banks of which one of the following rivers?

- (a) Betwa
(b) Ken
(c) Son
(d) Tapti

Q34. By selling 8 pens for Rs 75, a shopkeeper loses 25%. How many pens should be sold for Rs 372 to earn a 24% profit?

- (a) 30
(b) 18
(c) 24
(d) 20

Q35 How many perfect squares lie between 120 and 300 ?

- (a) 5
(b) 6
(c) 7
(d) 8

Q36. Which of the following satellites of India was launched on January 29, 2025?

- (a) SPADEX-A
(b) SPADEX-B
(c) NVS-02
(d) GSAT-N2

Q37. Match List-I with List-II.

List-I (Expression)	List-II (Value)
(A) $\frac{12!}{10!(2!)}$	(I) 110
(B) ${}^nC_2 = 210$, find n .	(II) 136
(C) ${}^6P_3 - {}^5C_2$	(III) 66
(D) If ${}^nC_9 = {}^nC_8$, find ${}^nC_{15}$	(IV) 21

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

Q38. Which of the following States of India share land border with Bhutan?

- (a) Tripura, Manipur and Mizoram
(b) Assam, Arunachal Pradesh, Mizoram
(c) Sikkim, Assam, Manipur
(d) Sikkim, Assam, Arunachal Pradesh

Q39. Match List-I with List-II.

List-I	List-II
(A) Ramsar Site	(I) Manas
(B) Biosphere Reserve	(II) Orang
(C) Elephant Reserve	(III) Renuka Lake
(D) Tiger Reserve	(IV) Wayanad

Choose the correct answer from the options given below:

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

GAT Previous Year Paper

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

Q40. The base radius of a cone is 21 cm and the height is 28 cm, then, which of the following is/ are correct?

- (A) Slant height = 35 cm
 (B) Slant height = 33 cm
 (C) Volume = 12936 cm³
 (D) Curved Surface Area = 2310 cm²

Choose the correct answer from the options given below :

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

Q41. If $6x - 10y = 10$ and $\frac{x}{x+y} = \frac{5}{7}$, then $(x - y)$ is equal to:

- (a) 12
 (b) 8
 (c) 6
 (d) 3

Q42. Which among the following are Fundamental Rights as included in Part III of the Constitution of India?

- (A) Equality of opportunity in public employment
 (B) Equal pay for equal work for men and women
 (C) Right of minorities to establish educational institutions
 (D) Right to education

Choose the correct answer from the options given below:

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

Q43. Who among the following is best known as the Chief Architect of the Indian Atomic Energy Program ?

- (a) C.V. Raman
 (b) Homi Jehangir Bhabha
 (c) Meghnad N. Saha
 (d) Vikram Sarabhai

Q44. Match List-I with List-II.

List-I	List-II
(International Organisations)	(Headquarter Location)
(A) World Trade Organisation	(I) New York
(B) International Finance Corporation	(II) Geneva
(C) United Nations Development Programme	(III) Montreal
(D) International Civil Aviation Organisation	(IV) Washington D.C.

Choose the Correct Answer from the options given below :

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

Q45. Arrange the following in the increasing order :

- (A) Micrometre
 (B) Centimetre
 (C) Mile
 (D) Kilometre

Choose the correct answer from the options given below:

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

GAT Previous Year Paper

Q46. Who among the following awardees of the Ramon Magsaysay Award 2024 is a scholar who bridges tradition and modernity by promoting education, social entrepreneurship and culture preservation ?

- (a) Farhan, Farwiza
- (b) Phuntsho, Karma
- (c) Miyazaki Hayao
- (d) Nguyen Thi Ngoc Phuong

Q47. Study the table given carefully and choose the correct number option that shall come in place of '?' :

5	14	12
48	135	?
8	9	10

- (a) 130
- (b) 70
- (c) 83
- (d) 110

Q48. If 3rd December 2000 was Sunday, what day was 3rd January 2001?

- (a) Tuesday
- (b) Monday
- (c) Wednesday
- (d) Sunday

Q49. Sonam ranks 18th from the top and 15th from the bottom in certain examinations. Determine how many students appeared for the examinations ?

- (a) 33
- (b) 34
- (c) 32
- (d) 31

Q50. The Jammu and Kashmir Reorganisation Act, which provided for reorganization of the erstwhile State of Jammu and Kashmir into two Union Territories - Jammu and Kashmir, and Ladakh was enacted in which year?

- (a) 2018
- (b) 2019
- (c) 2020
- (d) 2021

