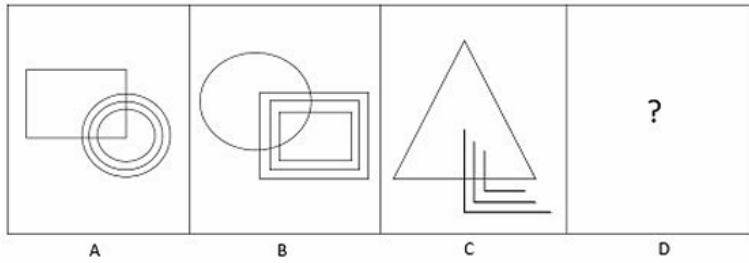


GAT Previous Year Paper

Q1. There is a definite relationship between figures A and B. Select a suitable figure from the answer figures that establish a similar relationship between figures C and D.



(a)



(b)



(c)



(d)



Q2. If in a certain language, 'oka thi' means 'cold weather'; 'doja tu' means 'hot climate' and 'tu ni oka' means 'weather is hot', which word in that language means 'is'?

- (a) oka
- (b) doja
- (c) ni
- (d) tu

Q3. Match List-I with List-II

List-I	List-II
(A) 17% of 1200	(I) 198
(B) 18% of 1100	(II) 204
(C) 19% of 1000	(III) 200
(D) 40% of 500	(IV) 190

Choose the correct answer from the options given below:

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

Q4. It was Monday on 16 January 2023. What was the day on 12 January 2024?

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

Q5. Pointing to a girl during his reception party, Rahul said, "She is the sister of my mother's husband's only daughter-in-law". How is the girl related to Rahul?

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

Q6. Complete the following series:

ane_ba_ebb_neb_

- (A) b
 (B) n
 (C) b
 (D) a

Choose the correct sequence from the options given below:

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

Q7. Match the following for the disease and its cause:

List-I	List-II
Disease	Diet Deficiency
(A) Scurvy	(I) Vitamin B2
(B) Cheilosis	(II) Vitamin B1
(C) Goitre	(III) Vitamin C
(D) Beri-Beri	(IV) Iodine

Choose the correct answer from the options given below:

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

Q8. When was the BCG vaccine against tuberculosis first introduced in India?

- (a) 1948
 (b) 1951
 (c) 1962

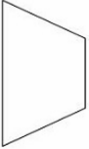
(d) 1978

Q9. Select the figures which, when fitted into each other, will form a complete square:

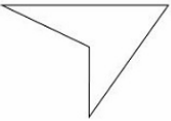
(A)



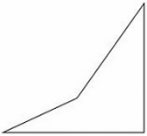
(B)



(C)



(D)



Choose the correct answer from the options given below:

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

Q10. Given below are two statements:

Statement (I): 2469385422 is divisible by 18.

Statement (II): 3475824638 is divisible by 11.

In light of the above statements, choose the most appropriate answer from the options given below.

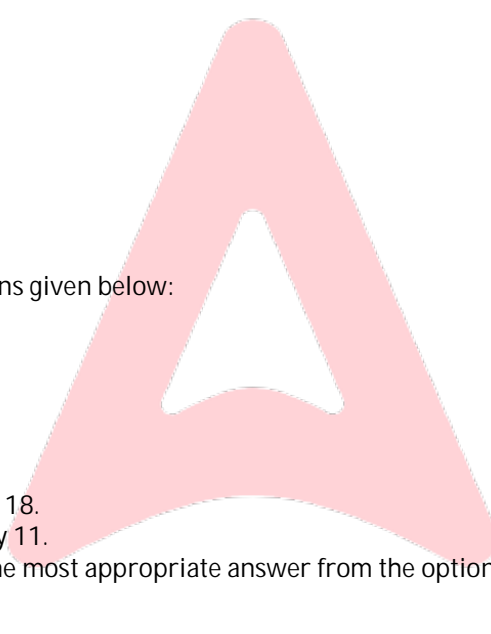
- (a) Both Statements are true.
- (b) Both Statements are false.
- (c) Statement (I) is true but Statement (II) is false.
- (d) Statement (I) is false but Statement (II) is true.

Q11. Meena faces East. She turns 135° in a counterclockwise direction and then 45° in the same direction and 225° in the clockwise direction. Which direction is she facing now?

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

Q12. A sum of money becomes Rs. 5100 after 3 years and Rs. 5950 after 4 years on compound interest. The rate of interest per annum is:

- (a) $25\frac{2}{2}\%$
- (b) $31\frac{2}{2}\%$
- (c) $100\frac{3}{3}\%$
- (d) $50\frac{3}{3}\%$



Q13. If the third and ninth terms of an A.P. are 1 and 19 respectively, then the 23rd term will be:

- (a) 59
- (b) 61
- (c) 63
- (d) 65

Q14. The National Rural Employment Guarantee Act (NREGA) 2005 now known as Mahatma Gandhi Rural Employment Guarantee Act (MGNREGA) was launched on 2nd February 2006. It envisages securing the livelihood of people in rural areas.

- (A) Guarantees at least 100 days of wage employment per financial year to every rural household.
- (B) Employment to be given within 15 days of the application for work.
- (C) Employment within a 5 km radius, else extra wages to be paid.
- (D) At least 50% of beneficiaries have to be women.

Choose the correct answer from the options given below:

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

Q15. In a certain code, TRAPEZIUM is coded as RTPAEIZMU. How will RECTANGLE be written in that code?

- (a) ERCTNAGEL
- (b) ERTCNAGEL
- (c) ERTCAGNEL
- (d) ERCTAGNEL

Q16. What was the day of the week on 4th January 1904?

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

Q17. P, Q R and S have Rs. 120, Rs. 130, Rs. 140 and Rs. 150 respectively when they go to visit a fair. P spends Rs. 49, Q spends Rs. 54, R spends Rs.55 and S spends Rs. 58. Who has done the lowest expenditure proportionate to their resources?

- (a) P
- (b) Q
- (c) R
- (d) S

Q18. Arrange the following Mountain peaks in increasing order of their heights from the sea level:

- (A) Kanchanjunga
- (B) K – 2
- (C) Nanda Devi
- (D) Nanga Parbat

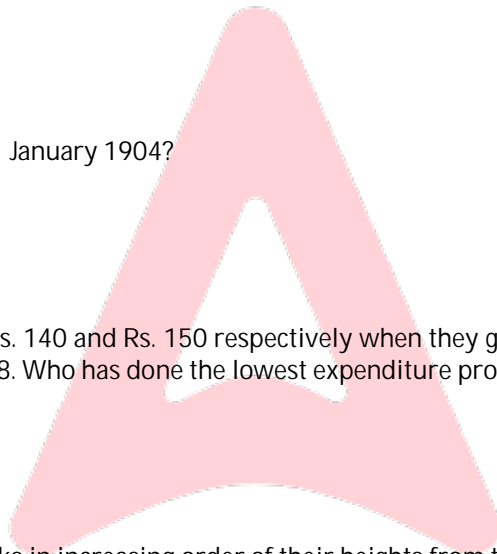
Choose the correct answer from the options given below:

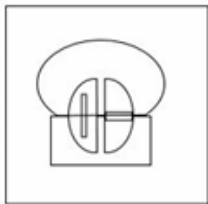
- (a) (C), (D), (A), (B)
- (b) (A), (C), (B), (D)
- (c) (B), (A), (D), (C)
- (d) (C), (B), (D), (A)

Q19. Select the answer figure in which the question figure is embedded:

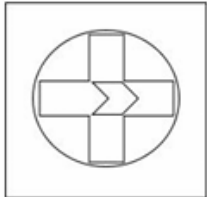


- (a)

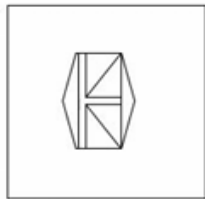




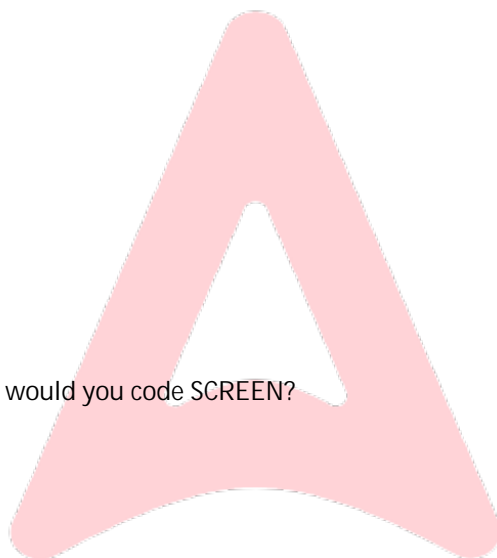
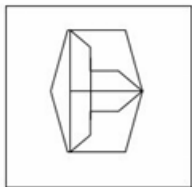
(b)



(c)



(d)



Q20. If TYPING is coded as UASMSM, how would you code SCREEN?

- (a) TJIJET
- (b) TEUIIS
- (c) TEUIKU
- (d) TEUIJT

Q21. 6. P, Q, R, S and T are sitting around a circular table facing inside. S is to the immediate right of T and is second to the left of P. R is not between P and T. Who is second to the left of T ?

- (a) P
- (b) Q
- (c) R
- (d) S

Q22. Choose the missing term out of the given alternatives:

C02T, D05S, F10Q, I17N,?, R37E

- (a) N26I
- (b) N32J
- (c) M32I
- (d) M26J

Q23. What is the angle covered by the hour hand in 1 hour 20 minutes?

- (a) 35°
- (b) 40°
- (c) 45°
- (d) 50°

Q24. Who amongst the following is attributed with the design, fabric and exact color shades of Indian National Flag?

- (a) Ms. Sarojini Naidu
- (b) Ms. Bhikaji Kama
- (c) Dr. Rajendra Prasad
- (d) Mr Pingali Venkayya

Q25. The part of the Constitution of India which deals with the 'Directive Principles of State Policy' is

- (a) Part III
- (b) Part XV
- (c) Part V
- (d) Part IV

Q26. In which year did Ladakh become a Union Territory?

- (a) 2000
- (b) 2002
- (c) 2014
- (d) 2019

Q27. Viscosity is the property of the liquid by virtue of which it opposes the relative motion between its adjacent layers.

- (A) The viscosity of an ideal fluid is zero.
- (B) With the rise in temperature, the viscosity of liquids increase and that of gases decrease.
- (C) The viscosity of gases is much less than that of liquids.
- (D) Viscosity of liquid generally increase with increase in pressure.


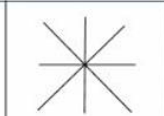
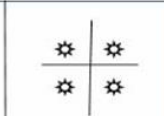


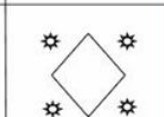
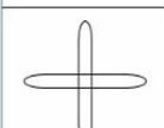
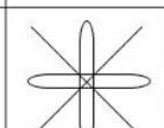
Choose the correct answer from the options given below:

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

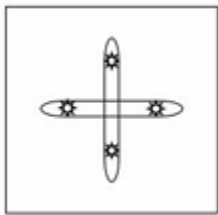
Q28. The 'Ring of Fire', in the context of the large number of volcanoes, relates to which of the following:

- (a) Atlantic Ocean
- (b) Indian Ocean
- (c) Mediterranean Sea
- (d) Pacific Ocean

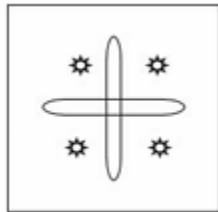
Q29. Find out which of the answer figures completes the figure matrix:

		
		
		?

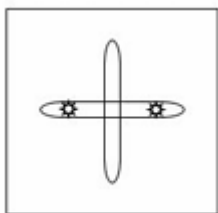
(a)



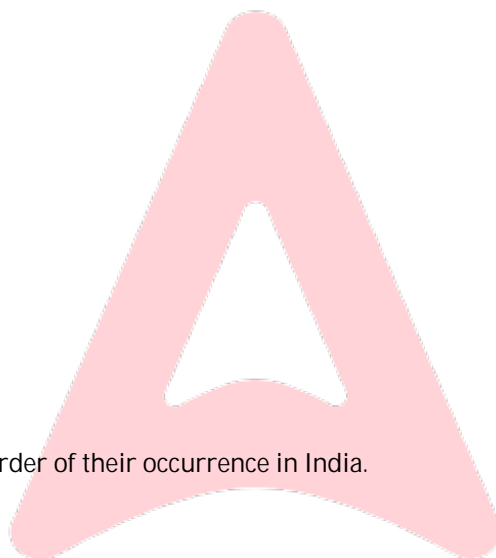
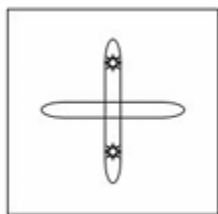
(b)



(c)



(d)



Q30. Arrange the following dynasties in order of their occurrence in India.

- (A) The Mughal Dynasty
- (B) The Tughlak Dynasty
- (C) The Khilji Dynasty
- (D) The Lodhi Dynasty

Choose the correct answer from the options given below:

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

Q31. If the areas of adjacent faces of a cuboid (rectangular prism) are in the ratio of 2: 3: 5 and its volume is 900 cm^3 , then the length of the longest side is

- (a) 10 cm
- (b) 30 cm
- (c) 15 cm
- (d) 6 cm

Q32. Choose the missing term out of the given alternatives:

B2D, C3F, E4I, H5M, ?, Q7X

- (a) M6S
- (b) L6R
- (c) M6R

(d) L6S

Q33. The international treaty aimed at banning nuclear weapons, which was adopted by the United Nations General Assembly in 2017, is

- (a) Treaty on the Non-Proliferation of Nuclear Weapons (NPT)
- (b) Comprehensive Nuclear-Test-Ban Treaty (CNTBT)
- (c) Treaty on the Prohibition of Nuclear Weapons (TPNW)
- (d) Strategic Arms Reduction Treaty (START)

Q34. If the slope of a line passing through the points A (2, 1) and B(3, y) is 4, then the value of y will be:

- (a) 0
- (b) 2
- (c) 5
- (d) 3

Q35. In a plane, there are 9 points, out of which 4 are collinear. The number of triangles made by these points is:

- (a) 80
- (b) 84
- (c) 122
- (d) 126

Q36. Which athlete from India amongst the following, was not allowed to contest the final of his/her respective sport category despite winning the semi-final in the Paris Olympics 2024?

- (a) Sakshi Malik
- (b) Neeraj Chopra
- (c) Vinesh Phogat
- (d) Geeta Phogat

Q37. Who authored the book 'War and Peace'?

- (a) T S Eliot
- (b) Leo Tolstoy
- (c) Barak Obama
- (d) Benazir Bhutto

Q38. The equations: $x + 4y - 3 = 0$ and $2x + 8y - 6 = 0$ have

- (a) a unique solution as $x = 1, y = -1$
- (b) a unique solution as $x = -3, y = 0$
- (c) no solution
- (d) infinite solutions

Q39. The ozone layer which is responsible for protecting life on earth from harmful UV radiation from the Sun is located in which layer of the atmosphere?

- (a) Ionosphere
- (b) Troposphere
- (c) Stratosphere
- (d) Mesosphere

Q40. Choose the alternative which most closely resembles the water-image of the given combination:

BK60PA92

- (a) BK60PA92
- (b) BK60PA92
- (c) BK60PA92
- (d) BK60PA92

GAT Previous Year Paper

Q41. When, some drops of nail polish remover fall on your palm, the cooling sensation is a result of which of the following phenomenon:

- (a) Perspiration
- (b) Precipitation
- (c) Evaporation
- (d) Condensation

Q42. The angle of elevation of the sun, when the length of the shadow of a tower is $1/\sqrt{3}$ times the height of the tower, is

- (a) 30°
- (b) 45°
- (c) 60°
- (d) 90°

Q43. Match List-I with List-II

List-I	List-II
Newspaper/ Journal	Founder
(A) The Bombay Chronicle	(I) Pherozshah Mehta
(B) Tahzib-ul-Akhlaq	(II) Syed Ahmed Khan
(C) Al-Hilal	(III) M. K. Gandhi
(D) Young India	(IV) Abul Kalam Azad

Choose the correct answer from the options given below:

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

Q44. The Palk Strait connects which two of the water bodies enlisted below?

- (a) Bay of Bengal and Indian Ocean
- (b) Palk Bay and Arabian Ocean
- (c) Gulf of Eden and Red Sea
- (d) Gulf of Mannar and Bay of Bengal

Q45. A lady said to a man, "Your father's wife is the only sister of my brother". How is the man related to the lady?

- (a) Father
- (b) Uncle
- (c) Nephew
- (d) Son

Q46. Choose the number which is different from others in the group:

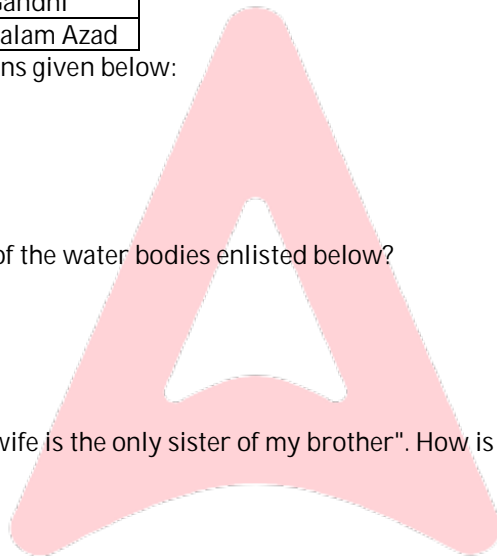
- (a) 11
- (b) 13
- (c) 15
- (d) 17

Q47. Vedanta, also known as Upanishads, belongs to which of the following periods?

- (a) 1500 – 800 BCE
- (b) 800-500 BCE
- (c) 1200 – 1000 BCE
- (d) 500-300 CE

Q48. The probability that a card drawn from a pack of 52 cards will be a red card or an ace (including the chance of any red ace), is:

- (a) $4/13$
- (b) $6/13$
- (c) $7/13$



(d) 15/26

Q49. Which of the following sites, one does not find in London?

- (a) White Hall
- (b) Hyde Park
- (c) India House
- (d) Broadway

Q50. The time period of the satellites used in TV signal transmission from one part of the world to another is:

- (a) 24 hours
- (b) 12 hours
- (c) 48 hours
- (d) 06 hours

