

Q1. In a certain code, BASIC is written as DDULE. How is LEADER written in that code ?

- (a) NHCGGU
- (b) NGCFGT
- (c) OGDFT
- (d) OHDGHU

Q2. Samantha Harvey won the Booker Prize 2024 for which one of the following books?

- (a) The Western Wind
- (b) Dear Thief
- (c) The Wilderness
- (d) Orbital

Q3. The middle term of the series

$4 + 6 + 8 + \dots + 196$ is

- (a) 98
- (b) 96
- (c) 100
- (d) 101

Q4. Arrange the following major historical events in chronological order, beginning with the earliest to the most recent.

- (A) Reign of Cholas, Cheras and Pandyas in south India and Satavahanas in the Deccan
- (B) Rise of Chalukyas in Karnataka and Pallavas in Tamil Nadu
- (C) Accession of Chandragupta Maurya
- (D) Invasion of Alexander of Macedon

Choose the correct answer from the options given below:

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

Q5. The Balphakram National Park is located in which of the following State of India?

- (a) Manipur
- (b) Meghalaya
- (c) Mizoram
- (d) Tripura

Q6. 6 goats or 8 sheep can graze a field in 50 days. 8 goats and 6 sheep can graze the field in :

- (a) 30 days
- (b) 16 days
- (c) 24 days
- (d) 32 days

Q7. The sum of all prime numbers less than 20 is :

- (a) 100
- (b) 77
- (c) 75
- (d) 76

Q8. Who among the following is the author of the book "The World is Flat" ?

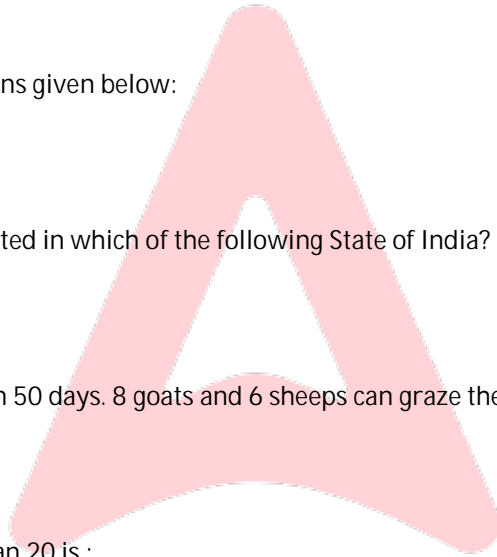
- (a) Joseph Stiglitz
- (b) Thomas L. Friedman
- (c) Francis Fukuyama
- (d) Samuel P. Huntington

Q9. In what ratio are the volumes of a cylinder, a cone and a sphere, if each has the same diameter and the same height ?

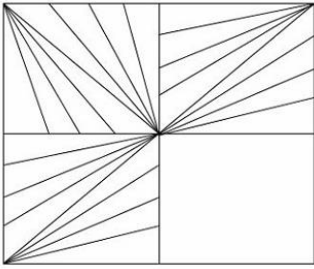
- (a) 1: 3: 2
- (b) 2: 3: 1
- (c) 3: 1: 2
- (d) 3: 2: 1

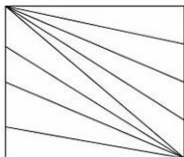
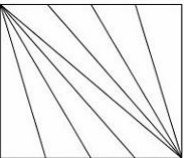
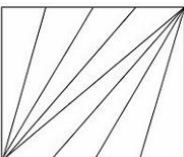
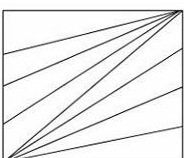
Q10. A sum of money becomes ₹ 20070 after 3 year and ₹ 30105 after 6 years on compound interest. The sum will be

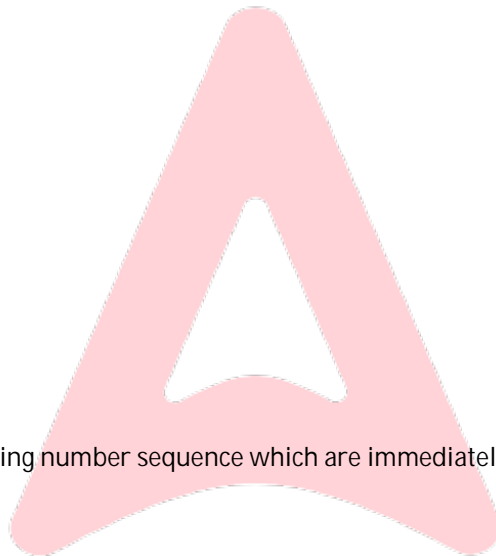
- (a) 13380
- (b) 8920
- (c) 5292
- (d) 25560



Q11. Complete the pattern in question figure by selecting one of the figures from the four alternatives:



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



Q12. How many 4s are there in the following number sequence which are immediately preceded by 6 and immediately followed by 5 ?

4 6 5 9 4 6 4 5 1 3 5 4 6 2 3 1 6 4 5 8 9

- (a) Two
- (b) One
- (c) Three
- (d) Four

Q13. If 5 November 2019 was Tuesday, then what was the day of the week on 5 November 2021?

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

Q14. In a moderately asymmetrical distribution, the mode and mean are 31.5 and 34.5 , respectively. Calculate the median:

- (a) 100.5
- (b) 25.5
- (c) 33.5
- (d) 27.5

Q15. Chronologically arrange the following European trading companies that established their bases in India, beginning with the earliest to the most recent.

- (A) British in Calcutta
- (B) Dutch in Masulipatnam
- (C) Portuguese in Panaji
- (D) French in Pondicherry

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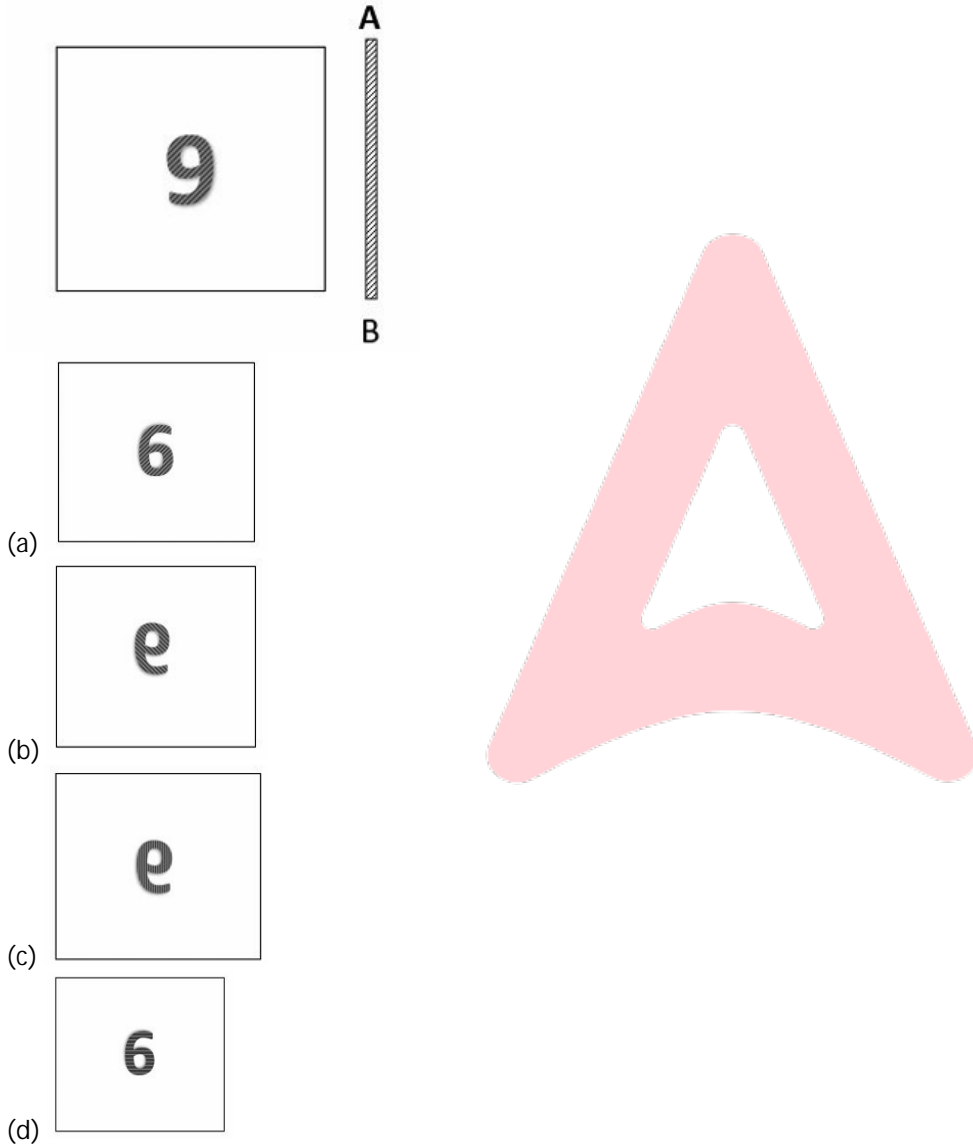
Choose the correct answer from the options given below:

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

Q16. In a team every player shakes his hand with other player only once. If total number of handshakes is 120 , then the number of players is:

- (a) 16
- (b) 20
- (c) 15
- (d) 12

















Q17. Choose the correct mirror image from the alternatives, when the mirror is placed on line *AB*.

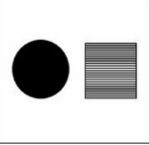
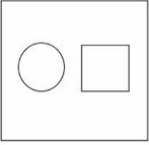
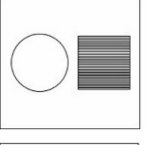
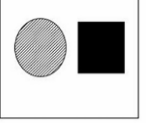


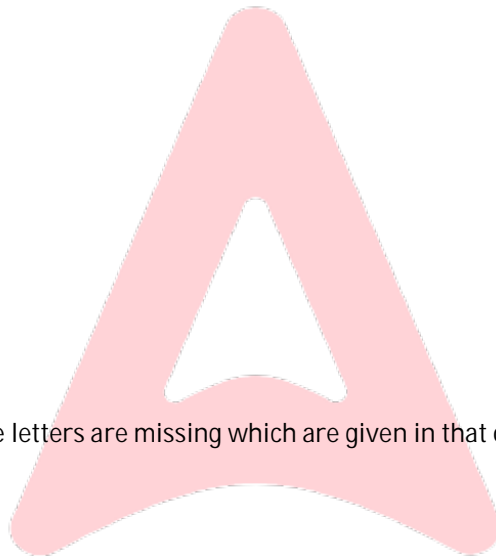
Q18. The Krishna Raja Sagar Dam, located in Karnataka, is built on which one of the following rivers?

- (a) Krishna
- (b) Kaveri
- (c) Godavari
- (d) Tungabhadra

Q19. Choose the answer figure which completes the problem figure matrix ?

 	 	 
 	 	 
 	?	 

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



Q20. In the given letter series, some of the letters are missing which are given in that order as one of the following alternatives. Choose the correct alternative.

_a_b_abaa_bab_abb

- (a) *aaabb*
- (b) *ababb*
- (c) *babab*
- (d) *babba*

Q21. If function $(x + 296 \times 298)$ is a perfect square, then the value of x is :

- (a) 0
- (b) 1
- (c) 2
- (d) 3

Q22. Kapil leaves his house 20 minutes before six in the morning, reaching Kamal's house in 25 minutes. They finish their breakfast in another 15 minutes and leave for their institute, which takes another 35 minutes. At what time do they leave Kamal's house to reach their institute ?

- (a) 6:05 am
- (b) 6: 20 am
- (c) 6: 55am
- (d) 6: 40 am

Q23. Piyush covers a certain distance on bike. Had he moved 3 km/h faster, he would have taken 20 min less. If he had moved 2 km/h slower, he would have taken 20 min more. The distance covered (in km) is :

- (a) 40 KM

- (b) 20 KM
- (c) 15 KM
- (d) 25 KM

Q24. $A + B$ means 'A is mother of B'

$A - B$ means 'A is husband of B'

$A \times B$ means 'A is son of B'

$A \div B$ means 'A is brother of B'

If $Q \div U \times K \times H - D + J$, then how is K related to J?

- (a) Brother
- (b) Sister
- (c) Father
- (d) Can't determine

Q25. The ruins of Hampi were brought to light in 1800 by ?

- (a) Colonel Colin Mackenzie
- (b) J. F. Fleet
- (c) John Marshall
- (d) Alexander Greenlaw

Q26. Six boys are sitting around a circular table facing the centre. M is second to the right of K, and is sitting opposite to R. L and O are sitting opposite to each other. Neither L nor R is sitting beside F. Based on the above information, the following statements are given:

- (A) F is sitting between M and O.
- (B) R is second to the right of L.
- (C) M is third to the left of R.
- (D) M is third to the right of R.

Choose the correct answer from the options given below:

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

Q27. Reactions involve the gain or loss of oxygen or hydrogen by substances.

Statement A: Oxidation is the loss of oxygen and gain of hydrogen.

Statement B: Reduction is the loss of hydrogen and gain of oxygen.

- (a) Both statements A and B are correct.
- (b) Statement A is correct and B is incorrect.
- (c) Statement A is incorrect and B is correct.
- (d) Both statements A and B are incorrect.

Q28. If two vertices of a triangle are (5,4) and (-2,4) and centroid is (5,6), then third vertex is :

- (a) (10,12)
- (b) (12,10)
- (c) (-10, -12)
- (d) (12, -10)

Q29. Which one of the following Central Public Sector Enterprises is a "Navratna"?

- (a) Indian Oil Corporation Limited
- (b) Steel Authority of India
- (c) Central Coal Fields Limited
- (d) Mahanagar Telephone Nigam Limited

Q30. If North-East becomes North, South-East becomes East and so on, what will West become?

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

Q31. A person to be eligible to be appointed as the Vice-President of India should have completed a minimum age of how many years?

- (a) 25 years
- (b) 30 years
- (c) 18 years
- (d) 35 years

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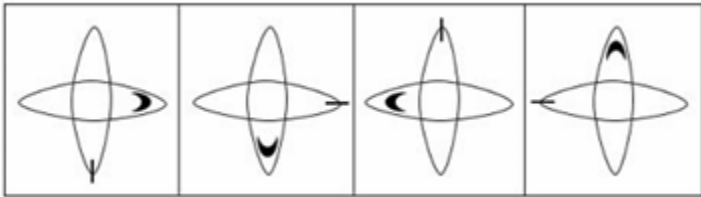
Q32. A single card is chosen at random from a standard deck of 52 playing cards. The probability of choosing either a Queen or a Spade (but not both) is:

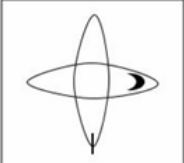
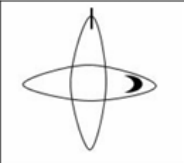
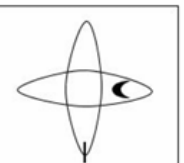
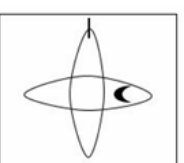
- (a) $\frac{4}{52}$
- (b) $\frac{17}{52}$
- (c) $\frac{13}{52}$
- (d) $\frac{4}{13}$

Q33. In the year 1960, which one of the following states officially became the 15th state of the Republic of India?

- (a) Himachal Pradesh
- (b) Gujarat
- (c) Haryana
- (d) Odisha

Q34. Select a figure from amongst the Answer figures which will continue the series established by the four Problem Figures.



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



Q35. Three spherical balls of radius 2 cm, 4 cm, and 6 cm are melted to form a new spherical ball. In this process, there is a loss of 25% of the material. What is the radius (in cm) of the new ball?

- (a) 6
- (b) 8
- (c) 12
- (d) 16

Q36. Which one of the following Schedules of the Constitution of India includes anti-defection provisions for the Members of the Parliament and Members of the State Legislative Assemblies?

- (a) Ninth Schedule
- (b) Tenth Schedule

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- (c) Eleventh Schedule
- (d) Twelfth Schedule

Q37. What is the commercial unit of electric charge?

- (a) Volt
- (b) Watt
- (c) Ampere
- (d) Kilowatt hour

Q38. In an examination, a student scores 3 marks for every correct answer and loses 1 mark for every wrong answer. A student attempted all the 120 questions and scored 320 marks. Find the number of questions, he answered incorrectly.

- (a) 110
- (b) 10
- (c) 40
- (d) 20

Q39. What numbers should replace the question marks if the same sequence has to be followed in the given series:

71, 81, 74, 77, 77, 73, 80, 69, ?, ?, ?, ?

- (A) 65
- (B) 86
- (C) 61
- (D) 83

Choose the correct answer from the options given below:

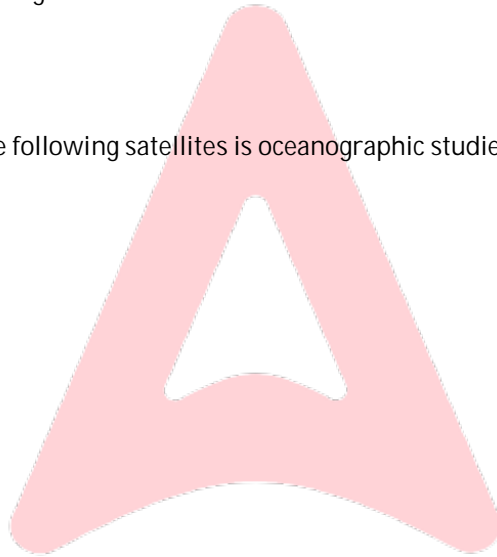
- (a) (B), (A), (D), (C)
- (b) (D), (A), (B), (C)
- (c) (A), (B), (C), (D)
- (d) (C), (A), (D), (B)

Q40. The satellite mission for which of the following satellites is oceanographic studies, to study ocean circulation and sea surface elevation?

- (a) JUGNU
- (b) SARAL
- (c) INSAT
- (d) HAMSAT

Q41. Match List-I with List-II.

List-I	List-II
Saree Name	States
(A) Kalamkari	(I) West Bengal
(B) Chanderi	(II) Maharashtra
(C) Baluchari	(III) Madhya Pradesh
(D) Paithani	(IV) Andhra Pradesh



Choose the correct answer from the options given below:

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

Q42. Which of the following states of India share their land border with Nepal?

- (A) Assam
- (B) Sikkim
- (C) Uttarakhand
- (D) Uttar Pradesh

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. A man is watching from the top of a tower a boat speeding away from the tower. The boat makes an angle of depression of 60° with the man's eye when at a distance of 60 metres from the tower. After 9 seconds, the angle of depression becomes 30° . The speed of the boat, assuming that it is running in still water, will be :

- (a) $\frac{100}{27}$ kmph
- (b) 72 kmph
- (c) 48 kmph
- (d) 12 kmph

Q44. Who among the following is known as the father of Indian surgery and ophthalmology?

- (a) Charaka
- (b) Sushruta
- (c) Kumarbhritya
- (d) Bharadwaja

Q45. Find the correct combination/triplet, which represents similarity in a particular way, from the following:

- (A) Dog
- (B) Cow
- (C) Elephant
- (D) Crow

Choose the correct answer from the options given below:

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

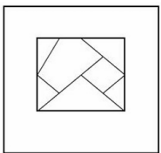
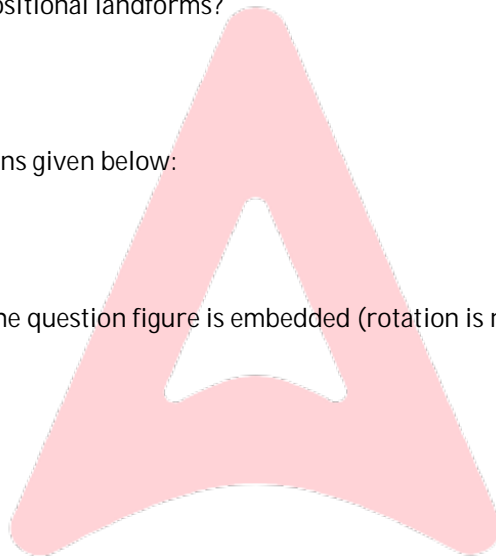
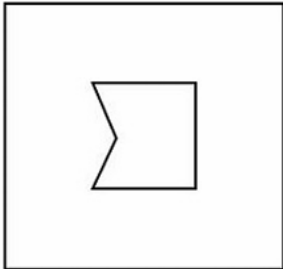
Q46. Which among the following are depositional landforms?

- (A) Alluvial Fans
- (B) River terraces
- (C) Deltas
- (D) Flood Plains

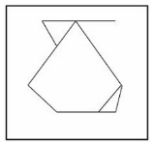
Choose the correct answer from the options given below:

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

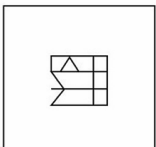
Q47. Choose the answer figure in which the question figure is embedded (rotation is not allowed).



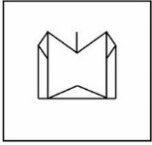
(a)



(b)



(c)



(d)

Q48. The price of an article, passing through three hands, rises on the whole by 61%. If the first and the second sellers earned 15% and 20% profit respectively, find the percentage profit earned by the third seller.

- (a) 16%
- (b) $\frac{100}{6}$ %
- (c) 20%
- (d) 12.5%

Q49. Match List-I with List-II.

List-I	List-II
Places	Minerals
(A) Badampahar mines	(I) Bauxite
(B) Balaghat Mines	(II) Copper
(C) Amarkantak Plateau	(III) Mica
(D) Koderma Gaya-Hazaribagh	(IV) Iron Ore

Choose the correct answer from the options given below:

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

Q50. Who among the following was conferred with the Dada Saheb Phalke Lifetime Achievement Award for 2022, presented during the 70th National Film Awards held in October 2024?

- (a) Waheeda Rehman
- (b) Rajinikanth
- (c) Mithun Chakraborty
- (d) Asha Parekh

