

18th August 2022 (Shift -1)

- Q1.** The book titled 'Human Rights and Terrorism in India' is authored by:
 (a) Satvinder Juss
 (b) Subramanian Swamy
 (c) V.R. Krishna Iyer
 (d) Karel Vasak
- Q2.** In India, the 'Antyodaya Diwas' is observed every year on September 25, to mark the birth anniversary of:
 (a) Pandit Madan Mohan Malviya
 (b) Pandit Jawahar Lal Nehru
 (c) Pandit Deendayal Upadhyay
 (d) Pandit Ravishankar Prasad
- Q3.** Each year the 'International Day of Peace' is observed around the world on:
 (a) 20 April (b) 25 May
 (c) 20 August (d) 21 September
- Q4.** Which district has become the first district in the entire country with a population of more than 10 lakh to inoculate 100% eligible population with the first dose of Covid-19 vaccine?
 (a) Indore, Madhya Pradesh
 (b) Prayagraj, Uttar Pradesh
 (c) Bhopal, Madhya Pradesh
 (d) Varanasi, Uttar Pradesh
- Q5.** World football body, 'FIFA' has unveiled the official mascot of the U-17 Women's World Cup India 2022 "IBHA" an Asiatic lioness representing:
 (a) Enlightenment
 (b) Gender Equality
 (c) Sustainable Development
 (d) Women Empowerment
- Q6.** The best description of the following terms is:
 Magenta: Sea green: Turquoise
 (a) They are marine creatures
 (b) They are migratory birds
 (c) They are precious and semi-precious stones
 (d) They are colors
- Q7.** From the following pairs, select the combination of right pairs,
 (A) USA : Washington, D.C.
 (B) Japan : Moscow
 (C) Italy : Rome
 (D) Canada : Madrid
 (E) Portugal : Lisbon
 Choose the correct answer from the options given below:
 (a) B, C and D only (b) A, C and E only
 (c) C, A and D only (d) E, B and C only
- Q8.** Arrange the given words in the sequence in which they occur in the dictionary.
 (A) Praise
 (B) Practical

- (C) Prank
 (D) Prayer
 (E) Practice

Choose the correct answer from the options given below:

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

- Q9.** Match List - I with List - II

	List-I		List-II
(A)	Ornithology	(I)	Earthquakes
(B)	Seismology	(II)	Soil
(C)	Pedology	(III)	Moon
(D)	Selenography	(IV)	Bird

Choose the correct answer from the options given below:

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

- Q10.** Match List-I with List-II.

	List-I		List-II
(A)	Asia	(I)	Island
(B)	Greenland	(II)	Ocean
(C)	Pacific	(III)	Country
(D)	Russia	(IV)	Continent

Choose the correct answer from the options given below:

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

- Q11.** Among the options, three have similar properties. Find the word not matching with others.

- (a) Nose (b) Ears
 (c) Throat (d) Legs

- Q12.** Match List-I with List-II.

	List-I (Pass)		List-II (State)
(A)	Donald	(I)	Novel
(B)	Holmes	(II)	Adventure
(C)	Robinson	(III)	Comedy
(D)	Premchand	(IV)	Suspense

Choose the correct answer from the options given below:

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

- Q13.** Match List-I with List-II.

	List-I		List-II
(A)	Army	(I)	Captain
(B)	Team	(II)	Chairman
(C)	Meeting	(III)	Principal
(D)	Institute	(IV)	General

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Choose the correct answer from the options given below:

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

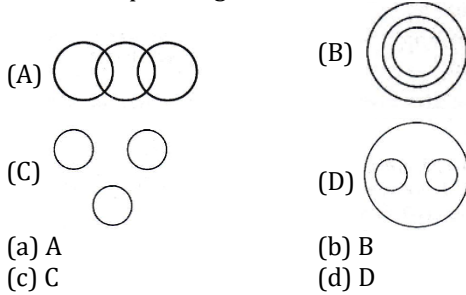
Q14. There are three words given which have something in common among themselves. Out of the four options, choose the most appropriate description about these words.

- Gnu: Emu: Curlew
(a) These are fast runners
(b) These are birds
(c) These are small insects
(d) These are animal pests

Q15. Among the options, three have same properties. Find the word not matching with others.

- (a) Shares (b) Salary
(c) Insurance (d) Provident Fund

Q16. Which of the following diagram best depicts the relationship among Pen, Pencil, Eraser?



Q17. Among the options, three have similar properties. Find out the word not matching with others.

- (a) Pallavas (b) Cheras
(c) Cholas (d) Chandelas

Q18. Match List-I with List-II.

List-I		List-II	
(A)	Right to Education	(I)	2005
(B)	Sarva Shiksha Abhiyan	(II)	2020
(C)	Right to Information Act	(III)	2001
(D)	National Educational Policy	(IV)	2009

Choose the correct answer from the options given below:

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

Q19. Isobars have:

- (a) Same number of protons
(b) Same atomic number
(c) Same number of Electrons
(d) Same mass number

Q20. Mita goes towards North, turn right, then right again and then goes to the left. In which direction is she now?

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

Q21. Arrange the following words that would be a meaningful order of the following,

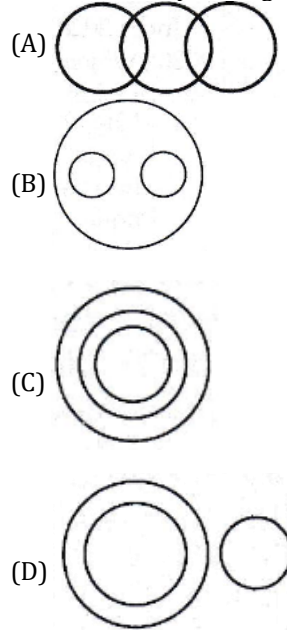
- (A) Heel
(B) Skull
(C) Shoulder
(D) Thigh

(E) Stomach

Choose the correct answer from the options given below:

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

Q22. Which one of the following diagrams best depicts the relationship among Planets, Saturn and Sun?



Choose the correct answer from the options given below:

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

Q23. Which one of the given responses would be a meaningful order of the following words?

- (A) Income (B) Education
(C) Fame (D) Employment

Choose the correct answer from the options given below:

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

Q24. Which one of the given responses would be a meaningful order of the following?

- (A) Mother
(B) Crying
(C) Smiling
(D) Infant
(E) Milk

Choose the correct answer from the options given below:

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

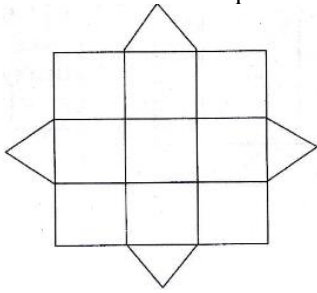
Q25. Among the four options, three have same properties. Find the odd one out.

- (a) Quart (b) Foot
(c) Yard (d) Inch

Q26. If NIGHT can be coded as 29, 19, 15, 17, 41, then 'COLD' will be coded as:

- (a) 7, 25, 31, 9 (b) 7, 31, 25, 9
(c) 7, 9, 31, 25 (d) 7, 27, 31, 11

Q27. Find the number of squares.



- (a) 9 (b) 12
(c) 14 (d) 16

Q28. Arrange the following rulers in the chronological order:

- (A) Qutub-ud-in-Aibak
(B) Mohd. Ghori
(C) Timur
(D) Ghiyasuddin Tughlaq
(E) Jalaluddin Firuz Khalji

Choose the correct answer from the options given below:

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

Q29. The time taken by moonlight to reach the Earth is:

- (a) 8 seconds (b) 2.6 seconds
(c) 4.3 seconds (d) 1.3 seconds

Q30. Match List-I with List-II.

	List-I		List-II
(A)	Narmada	(I)	Yamunotri
(B)	Tapti	(II)	Trimbakeshwar
(C)	Godavari	(III)	Multai
(D)	Yamuna	(IV)	Amarkantak

Choose the correct answer from the options given below:

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

Q31. Who was elected as the president of the Constituent Assembly of India in 1946?

- (a) Dr. S. Radhakrishnan
(b) Dr. Bhimrao Ramji Ambedkar
(c) Dr. Rajendra Prasad
(d) Pt. Jawaharlal Nehru

Q32. A train 420 m long passes a pole in 20 seconds. What is the speed of the train?

- (a) 20 m/s (b) 22 m/s
(c) 21 m/s (d) 24 m/s

Q33. If the edge of a cube is 17 cm, then the volume is:

- (a) 4813 cm³ (b) 4913 cm³
(c) 4713 cm³ (d) 5913 cm³

Q34. Simple interest on ₹9,000 at 5% per annum for 6 months is:

- (a) ₹235 (b) ₹245
(c) ₹50 (d) ₹225

Q35. The first woman Prime Minister of a country was:

- (a) Margret Thatcher
(b) Indira Gandhi
(c) Sirimavo Bandaranaike
(d) Benazir Bhutto

Q36. If $x^2 + 9y^2 - 6xy = 0$, then $x : y$ is equal to:

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

Q37. The average of 3 consecutive odd numbers is 65. What is the ratio of these numbers?

- (a) 67:65:65 (b) 59:67:63
(c) 63:65:67 (d) 65:67:69

Q38. The sum of the ages of father and his son is 45 years. Five years ago, the product of their ages was 34. The age of father is:

- (a) 40 years (b) 45 years
(c) 39 years (d) 38 years

Q39. In terms of Purchasing Power Parity (PPP), the place of the economy of India is _____ in the world.

- (a) 3rd (b) 4th
(c) 5th (d) 6th

Q40. Sum of the ages of 4 children born at the intervals of 4 years each is 52 years. What is the age of the eldest one?

- (a) 7 Years (b) 14 years
(c) 19 Years (d) 24 years

Q41. What is the value of x , if $x\%$ of $142 + 30\%$ of $280 = 368$

- (a) 150 (b) 200
(c) 175 (d) 225

Q42. If 0.03 is $X\%$ of 0.3, then the value of X is:

- (a) 30 (b) 10
(c) 3 (d) 9

Q43. A can complete a work in 16 days. B can complete the same work in 8 days. If both of them come together, then in how many days can they complete the same work?

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

Q44. Match List-I with List-II.

List-I		List-II	
(A)	City of Golden Gate	(I)	Washington, D.C.
(B)	City of Magnificent Building	(II)	Kolkata
(C)	City of Palaces	(III)	Rome
(D)	City of Seven Hills	(IV)	San Francisco

Choose the correct answer from the options given below:

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

Q45. HCF of first five odd natural numbers is:

- (a) 5 (b) 3
(c) 2 (d) 1

Q46. The value of $4 - 3 \div 3 + 5$

- (a) 5 (b) 0
(c) 7 (d) 8

Q47. In the formula "Work = $Fs \cos \theta$ ", if angle θ between force and displacement is more than 90° , the net work done will be:

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- (a) Double
- (b) Positive but not double
- (c) Negative
- (d) Zero

Q48. If 900 m long train crosses 700 m long platform in 1 minute, then speed of the train in kilometer per hour is:

- (a) $\frac{80}{3}$ km/h
- (b) 96 km/h
- (c) 15 km/h
- (d) $\frac{33}{3}$ km/h

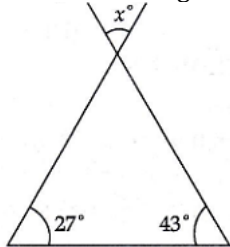
Q49. The factors of $4x^2 - 8x + 3$ are:

- (a) $(2x - 3)(2x + 1)$
- (b) $(2x + 3)(2x - 1)$
- (c) $(2x + 3)(2x - 1)$
- (d) $(2x - 3)(2x - 1)$

Q50. Common factor of $2a^2b, 4ab^2, 6ac^2$

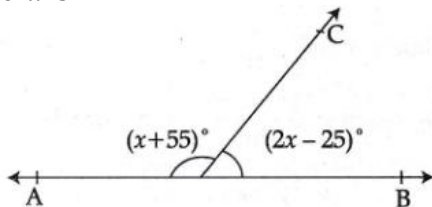
- (a) 2ab
- (b) 2a
- (c) 2abc
- (d) 2b

Q51. Value of x in the given figure is:



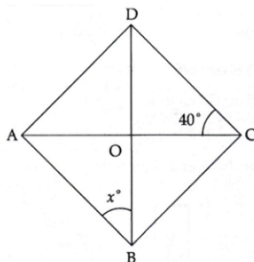
- (a) 43°
- (b) 27°
- (c) 70°
- (d) 110°

Q52. In the given figure AOB is a straight line, the value of x is:



- (a) 60°
- (b) 70°
- (c) 50°
- (d) 45°

Q53. In the given figure ABCD is a rhombus, if $\angle ACD = 40^\circ$ then x is:



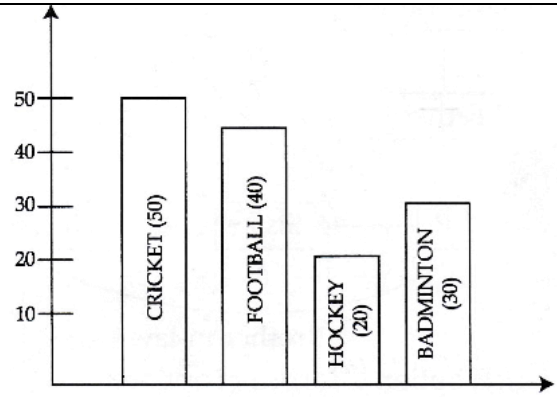
- (a) 50°
- (b) 40°
- (c) 60°
- (d) 90°

Q54. Which of the following disease is not caused due to bacteria?

- (a) Tuberculosis (TB)
- (b) Polio
- (c) Cholera
- (d) Typhoid

Direction: Please read the following carefully and answer question no. from 55 to 57

The following bar graph shows the interest of 140 students in different type of games.



Q55. Percentage of students who are interested in cricket and hockey.

- (a) 40%
- (b) 33%
- (c) 50%
- (d) 36%

Q56. How many more students are interested in football than badminton?

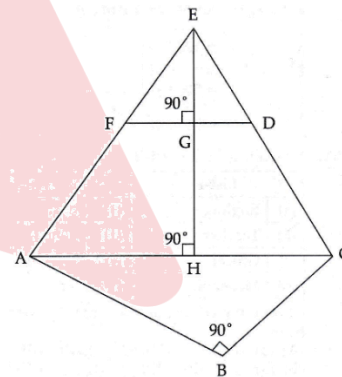
- (a) 15
- (b) 30
- (c) 20
- (d) 10

Q57. Number of students who are not interested in cricket and football is.

- (a) 90
- (b) 70
- (c) 50
- (d) 80

Direction: Please read the following carefully and answer question no. from 58 to 60.

AB = 80m, BC = 60m
DF = 50m, GE = 50m
HE = 100m



Q58. Area of triangular region FDE is:

- (a) 1000 m²
- (b) 1250 m²
- (c) 2400 m²
- (d) 1600 m²

Q59. Area of region ACDF is:

- (a) 3750 m²
- (b) 3500 m²
- (c) 3250 m²
- (d) 3000 m²

Q60. Area of whole figure is:

- (a) 7000 m²
- (b) 7200 m²
- (c) 7400 m²
- (d) 7500 m²

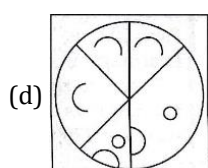
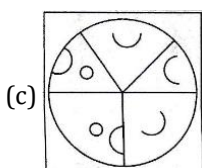
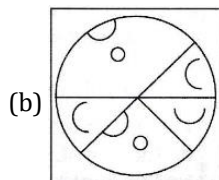
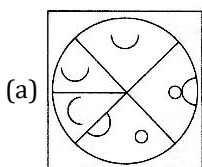
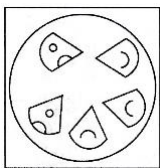
Q61. Match List-I with List-II.

List-I		List-II	
(A)	Engineer	(I)	Shop
(B)	Teacher	(II)	School
(C)	Grocer	(III)	Garage
(D)	Mechanic	(IV)	Site

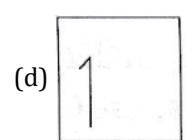
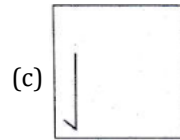
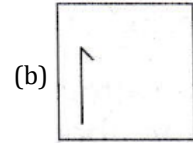
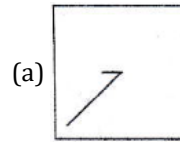
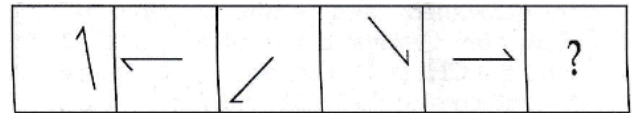
Choose the correct answer from the options given below:

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- (a) A-II, B-IV, C-I, D-III (b) A-IV, B-II, C-I, D-III
 (c) A-IV, B-I, C-II, D-III (d) A-IV, B-I, C-II, D-III
- Q62.** If $A > P$, $P > K$ and $K > L$, then which of the following conclusion is definitely wrong?
 (a) $A > K$ (b) $P > L$
 (c) $L > P$ (d) $A > L$
- Q63.** Arrange the following in a sequence.
 (A) Cream (B) Ghee
 (C) Cow (D) Milk
 Choose the correct answer from the options given below:
 (a) C, A, D, B, (b) D, C, B, A,
 (c) C, D, A, B (d) C, D, B, A
- Q64.** Which letter is exactly midway between G and Q if English alphabets are written in order?
 (a) K (b) L
 (c) M (d) N
- Q65.** P introduces K saying, 'She is the wife of the brother of my mother.' How is K related to P?
 (a) Aunt (b) Daughter
 (c) Mother (d) Sister
- Q66.** If the base radius of a cone is 7 cm and height of it is 14 cm, then:
 (A) Slant height = $6\sqrt{5}$ cm
 (B) Slant height = $7\sqrt{5}$ cm
 (C) Volume = 718.67 cm^3
 (D) Volume = 708.66 cm^3
 (E) Ratio of height and slant height = $2:\sqrt{5}$
 Choose the correct answer from the options given below:
 (a) A, C, and D only (b) B, C and E only
 (c) B and C only (d) A, C and E only
- Q67.** Pointing out a picture of man, Deepak said, "His father is my son's brother." How is the man related to Deepak?
 (a) Uncle (b) Grandson
 (c) Brother (d) Father
- Q68.** Which figure can be formed by the given set of pieces?

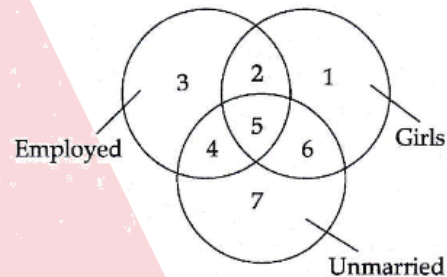


- Q69.** Continue the given series and find the right option for ?



- Q70.** Which unit of a computer performs all logical and arithmetical operations?
 (a) ALU (b) OU
 (c) CU (d) IU
- Q71.** If A means '+', B means 'X', C means '÷' and D means '-', then find the value of $17A12B20C5D15 = ?$
 (a) 50 (b) 42
 (c) 101 (d) 98

Direction: Read the following details carefully for questions from 72 to 75. Given below is the diagram with numbers for shapes representing employed, girls and unmarried.



- Q72.** Identify the region representing girls who are employed but unmarried.
 (a) 1 (b) 2
 (c) 4 (d) 5
- Q73.** Identify the region representing girls who are employed.
 (a) 1 (b) 2
 (c) 4 (d) 5
- Q74.** Identify the region representing girls who are unmarried.
 (a) 3 (b) 2
 (c) 6 (d) 1
- Q75.** Identify the region representing the group who are employed as well as unmarried.
 (a) 1 (b) 3
 (c) 4 (d) 5