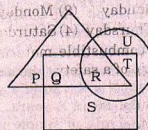1. Koodankulam Atomic Energy Plant is situated in
   (1) Karnataka
   (2) Kerala
   (3) Tamil Nadu
   (4) Gujarat

2. 2014 FIFA World Cup will be held in
   (1) Russia   (2) Japan
   (3) Brazil   (4) USA

3. The book "Namesake' is written by
   (1) Jhumpa Lahiri
   (2) Amitava Ghosh
   (3) Bhavana Chauhan
   (4) Kiran Desai

4. Which of the following is not a perfect square?
   (1) 1756 23468
   (2) 6236 2609
   (3) 1523 99025
   (4) 1234 54321

5. Which amendment to the Constitution of India made the Right to Education a fundamental right for children in the age group of 6–14 years?
   (1) 83rd   (2) 86th
   (3) 91st   (4) 94th

6. In a certain code 'CONTRIBUTOR' is written as 'RTNOCIROTUB'. How will 'PROHIBITION' be written in that code?
   (1) NOITIBIHORP
   (2) IHORPBITION
   (3) ITIONBIHOTP
   (4) IHORPBNOITI

7. Which Article of the Constitution empowers amendment in the Constitution of India?
   (1) Article 368
   (2) Article 356
   (3) Article 357
   (4) Article 359

8. HIV is found in the following body fluids of an infected person
   (1) Blood
   (2) Semen/Vaginal secretion
   (3) Breast Milk
   (4) All of the above

9. A salesman sold 20 cars in the month of July and 40 cars in the month of August. What is the percent increase in the number of cars the salesman sold?
   (1) 50%   (2) 100%
   (3) 150%   (4) 200%

10. The uprising of 1857 was described as the First Indian War of Independence by
    (1) S. N. Sen
    (2) R. C. Mazumdar
    (3) B. G. Tilak
    (4) V. D. Savarkar

11. Which is the lowest square number of the four digits?
    (1) 1000   (2) 1111
    (3) 1024   (4) 1616

12. Which of the following gas is not known as green house gas?
    (1) Methane   (2) Hydrogen
    (3) Carbon dioxide
    (4) Nitrous Oxide

13. Simple interest of the sum of Rs 1500 is Rs. 30 in 4 years and Rs. 60 in 8 years. Find out the rate of simple interest.
    (1) 0.5%   (2) 2.5%
    (3) 0.25%   (4) 1.5%

14. The sum of first 84 even numbers is
    (1) 7140   (2) 7540
    (3) 6720   (4) 8832

15. A wheel makes 4000 revolutions in moving a distance of 44 kms. Find the radius of the wheel

(1) 69 metres
(2) 57 metres
(3) 77 metres
(4) 175 metres

16. Pandit Ravi Shankar won the 'Silver Bear' in Berlin Film Festival for music direction in the film
    (1) Pather Panchali
    (2) Kabuliwala
    (3) Meghe Dhaka Tara
    (4) None of these

17. 'Ang Lee' won Oscar Award in California as the best director for the film
    (1) Abraham Lincoln
    (2) Argo
    (3) Life of Pi
    (4) Searching for Sugar Man

18. 'Each one teach one" slogan was given by—
    (1) Mahatma Gandhi
    (2) Dr. S. Radhakrishnan
    (3) Dr. H. G. Khurana
    (4) Maulana Abul Kalam Azad

19. Average of first 40 natural numbers is :
    (1) 30.5   (2) 20
    (3) 20.5   (4) 31

20. HIV infection is not transmitted by
    (i) shaking hands with infected persons
    (ii) travelling in the same taxi, auto or bus
    (iii) using toilets and urinals used by infected persons
    (iv) giving blood by using disposable instruments
    (1) only (i) and (ii) are correct
    (2) only (iv) is correct
    (3) All of the above are incorrect
    (4) All of the above are correct

21. Who was the first Indian Woman President of the Indian National Congress?
   (1) Rajkumari Amrit Kaur
   (2) Annie Besant
   (3) Vijaylakshmi Pandit
   (4) Sarojini Naidu

22. Who among the following was not an exponent of 'Bhakti Movement'?
   (1) Ramananda
   (2) Kabir
   (3) Shankaracharya
   (4) None of these

23. From which Constitution did our Constitution borrow the concept of Directive Principles of State Policy?
   (1) Canada
   (2) Ireland
   (3) United Kingdom
   (4) Germany

24. The proportion of 1st and 2nd liquids in a mixture is 2 : 3 while in another mixture their ratio is 5 : 4. In what ratio should the two mixtures be mixed, so that the new mixture contains equal amount of the two liquids?
   (1) 3 : 7   (2) 5 : 9
   (3) 3 : 4   (4) 2 : 5

25. Who was the first Chairman of the Planning Commission of India?
   (1) K. C. Pant
   (2) Dr. B. R. Ambedkar
   (3) C. Rangarajan
   (4) Jawahar Lal Nehru

26. Bleaching Powder is added to water used for drinking purpose. The role of bleaching powder in this case is
   (1) of disinfectant
   (2) of bleaching agent
   (3) to remove impurity
   (4) to decrease the pH.

27. The confluence of rivers Alaknanda and Bhagirathi takes place at
   (1) Devaprayag
   (2) Rudraprayag
   (3) Allahabad
   (4) Varanasi

28. The acid present in the venom of bee and ant sting is
   (1) Formic Acid
   (2) Tartaric Acid
   (3) Acetic Acid
   (4) Hydrochloric Acid

29. The stock market in India is regulated by
   (1) SEBI   (2) RBI
   (3) SBI   (4) BSE

30. EPIC stands for
   (1) Election Photo Identity Code
   (2) Electronic Photo Identity Card
   (3) Electors Photo Identity Card
   (4) Express Photo Identity Card

31. A two-digit number is such that the product of the digit is 8. When 18 is added to the number, then the number is reversed. The number is
   (1) 18   (2) 42
   (3) 81   (4) 24

32. In the following figure 'triangle' represents girls, 'square' players and 'circle' coaches. Which part of the diagram represents the girls who are players but not coaches?

   (1) P   (2) Q
   (3) R   (4) S

33. A dishonest dealer defrauds, by false balance, to the extent of 12% in buying as well as in selling his goods. Find his gain percentage.
   (1) $12\frac{2}{3}$%   (2) $12\frac{7}{25}$%
   (3) $25\frac{11}{25}$%   (4) $12\frac{1}{2}$%

34. Dr. V. Kurien is known for
   (1) Red Revolution
   (2) Green Revolution
   (3) White Revolution
   (4) Yellow Revolution

35. Which of the following is a sedimentary rock?
   (1) Marble
   (2) Slate
   (3) Quartzite
   (4) Coal

36. The Mechanical advantage of a second class lever is
   (1) always more than 1
   (2) always less than 1
   (3) always equal to 1
   (4) None of these

37. Which one of the following was the most significant feature of the Indus Valley Civilization?
   (1) Socio-Economic System
   (2) Ritualistic Life
   (3) Town Planning
   (4) Social Life

38. Suez canal connects
   (1) The Atlantic Ocean and the Pacific Ocean
   (2) The Mediterranean Sea and the Red Sea
   (3) The Mediterranean Sea and the Arabian Sea
   (4) None of these

39. Which one of the following settlements was comprised of Zamindar as middleman to collect the land revenue?
   (1) Mahalwari Settlement
   (2) Ryotwari Settlement
   (3) Permanent Settlement
   (4) None of these

40. A lamp is marked with a sale price of Rs. 23.80. Which is 15% off of the regular price. What is the regular price?
   (1) Rs. 26   (2) Rs. 28
   (3) Rs. 30   (4) Rs. 32

41. The imaginary line on the earth's surface, which closely follows the 180° meridian, is called the

(1) International Date Line
(2) Tropic of Cancer
(3) Tropic of Capricorn
(4) Equator

42. Sound travels at a different speed in different media. In what order does the velocity of sound increase in these media?
(1) Water, Iron and Air
(2) Iron, Air and Water
(3) Air, Water and Iron
(4) Iron, Water and Air

43. National Youth Day is celebrated on—
(1) 31st January
(2) 1st July
(3) 12th January
(4) 23rd January

44. The function of haemoglobin is
(1) utilisation of energy
(2) destruction of bacteria
(3) prevention of anaemia
(4) transportation of oxygen

45. Byssinosis disease is common in workers of
(1) Rubber Industry
(2) Ceramic Industry
(3) Textile Industry
(4) Iron and Steel Industry

46. Income of A is Rs. 600. If 30% of A's income is equal to 20% of income of B, then income of B is
(1) Rs. 630   (2) Rs. 690
(3) Rs. 720   (4) Rs. 900

47. "A" walks 10m towards east and then 10m to his right. Then every time turning to his left walks 5, 15 and 15m respectively. How far is he row from his starting point?
(1) 5 m   (2) 10 m
(3) 15 m   (4) 20 m

48. Use of tamarind juice as a part of our meal helps
(1) to prevent tooth decay
(2) to take cure of excess fluoride in drinking water
(3) for easy digestion of food
(4) to increase the strength of bones

49. A businessman sells an article at a loss of 20%. If he had sold the article at Rs. 112 more, then he would have gained 5%. Find the cost price of the article.
(1) Rs. 400
(2) Rs. 420
(3) Rs. 395
(4) Rs. 448

50. Where is the Headquarters of "INTERPOL"?
(1) Bonn — Germany
(2) Vienna — Austria
(3) Lyon — France
(4) Newark — America

51. Who is the writer of 'Buddhacharita' ?
(1) Charak
(2) Ashwaghosha
(3) Nagarjuna
(4) Kalidas

52. In Photosynthesis there is transformation of
(1) solar energy to mechanical energy
(2) solar energy to light energy
(3) solar energy to chemical energy
(4) chemical energy to mechanical energy

53. If day after tomorrow is Saturday, what day was three days before yesterday?
(1) Sunday   (2) Monday
(3) Thursday   (3) Saturday

54. The combustible material at the tip of a safety match stick is
(1) Sulphur
(2) Manganese dioxide
(3) Phosphorous
(4) Antimony sulphide

55. The average of five positive numbers is 213. The average of the first two numbers is 233.5 and the average of the last two numbers is 271. What is the third number?
(1) 64   (2) 56
(3) 106
(4) Cannot be determined

56. 'Aurora Australis' is seen in
(1) Antarctic region
(2) Equator
(3) Arctic region
(4) Tropic of Cancer

57. Who holds the distinction of having received the highest civilian awards of India as well as that of Pakistan?
(1) APJ Abdul Kalam
(2) JRD Tata
(3) Morarji Desai
(4) Lata Mangeshkar

58. The Yarlung Zangbo river, in India, is known as
(1) Ganga
(2) Indus
(3) Brahmaputra
(4) Mahanadi

59. By what number the square root of $\frac{324}{121}$ to be multiplied, so that the product is 3?
(1) $\frac{12}{17}$ (2) $\frac{11}{6}$
(3) $\frac{17}{9}$ (4) $\frac{18}{11}$

60. Who is the head to transact the business of the Lok Sabha?
(1) Prime Minister of India
(2) Vice-President of India
(3) Deputy Speaker of Lok Sabha
(4) Speaker of Lok Sabha

61. Which of the following numbers always divides the difference between the squares of two consecutive odd integers?
(1) 7   (2) 3
(3) 4   (4) 6

62. Leslie Walter Claudius was associated with
(1) Painting
(2) Film direction
(3) Hockey
(4) Cricket Commentry

63. Telegraph code was invented by
(1) John Logie Baird
(2) Samuel F.B. Morse

(3) Alexander Graham Bell

(4) Laennec

64. A number of friends decided to go on a picnic and planned to spend Rs. 96 on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 4 each extra. The number of those who attended the picnic was

(1) 16   (2) 8

(3) 12   (4) 24

65. To which king belonged the Lion Capital at Sarnath?

(1) Chandragupta

(2) Kanishka

(3) Harsha

(4) Ashoka

66. Who was the Governor General when the Revolt of 1857 started?

(1) Lord Canning

(2) Lord Cornwallis

(3) Lord Dalhousie

(4) Lord Ellenborough

67. In how many different ways can the letters of the word 'ARISE' could be arranged?

(1) 90   (2) 60

(3) 180   (4) 120

68. On which date the "World Environment Day" is celebrated?

(1) January 5

(2) March 5

(3) June 5

(4) November 5

69. What type of forests are 'Sundarbans'?

(1) Tidal forests

(2) Monsoon forests

(3) Tropical Evergreen forests

(4) Temperate Evergreen forests

70. What least number must be added to 6700 to make the sum a perfect square?

(1) 24   (2) 32

(3) 40   (4) 48

72. Justice J.S. Verma was in news recently for his report on

(1) Land Acquisition Act, 1894

(2) Sexual offences against women

(3) Right to Information Act, 2005

(4) Food Security Bill

72. A policeman starts to chase a thief. When the thief goes 10 steps, the policeman moves 8 steps. Again, 5 steps of the policeman is equal to 7 steps of the thief. Find the ratio of their speed.

(1) 2 : 7   (2) 5 : 7

(3) 28 : 25   (4) 1 : 2

73. From stations A and B, two trains start moving towards each other with the speeds of 150 km/h and 130 km/h, respectively. When the two trains meet each other it is found that one train covers 20 km. more than that of another train. Find the distance between stations A and B.

(1) 20 km

(2) 120 km

(3) 280 km

(4) None of these

74. Sriharikota satellite launching station is located in

(1) Bengaluru

(2) Kerala

(3) Rajasthan

(4) Andhra Pradesh

75. Wimbledon Lawn Tennis for Woman recently held in London was won by

(1) Sabine Lisicki

(2) Marion Bartoli

(3) Maria Sarapova

(4) Serena Williams

76. The cinema aitist Pran recently died in Lilawati Hospital, won Dadasaheb Phalke Award, 2013 for his

(1) Lifetime achievement

(2) Amar Akbar Antony

(3) Zanzeer

(4) None of these

77. The breadth of a rectangle is 25 m. The total cost of laying a grass bed on this field was Rs. 12375 at the rate of Rs. 15 per sq. m. What is the length of the rectangular field?

(1) 27 m   (2) 30 m

(3) 33 m   (4) 32 m

78. A person covers 18 km along the stream in 4 hours and covers the same distance against the stream in 12 hrs. Find the speed of the stream in km/h.

(1) 1.5   (2) 1.0

(3) 1.75   (4) 3.0

79. FIFA Confederation Cup Brazil, 2013 was won by Brazil having

(1) 2 − 0 score   (2) 3 − 2 score

(3) 2 −1 score

(4) 3 − 0 score

80. Match the following columns:

	Column-I		Column-II
(1)	Cataract	1.	Bones
(2)	Jaundice	2.	Eyes
(3)	Diabetes	3.	Liver
(4)	Arthritis	4.	Pancreas

	a	b	c	d
(1)	2	3	4	1
(2)	2	3	1	4
(3)	1	3	4	2
(4)	3	2	4	1

81. The time period by which the entire India comes under south-west monsoon is

(1) 1st to 10th June

(2) 10th to 20th June

(3) 20th to 30th June

(4) 1st to 15th July

82. What happens to the resistivity of a semiconductor if the temperature of a semiconductor rises?

(1) Increases (2) Decreases

(3) Remains constant

(4) Reduces to zero

83. World AIDS Day is celebrated on

(1) July 5

(2) September 10

(3) October 20

(4) December 1

84. Which of the following is not a degenerative disease?

(1) Arthritis (2) Heart attack

(3) Typhoid

(4) Diabetes mellitus

85. Where did Rigvedic Aryans lived in India?

(1) Northern India

(2) All over India

(3) Eastern Part of India

(4) Sapta Sindhu area

86. The Nagarjuna Sagar Project is constructed on the river

(1) Kaveri

(2) Krishna

(3) Godavari

(4) Indus

87. Two taps A and B can fill a tank in 25 min and 20 min respectively. But the taps are not opened properly, so the taps A and B allow $\dfrac{5}{6}$ th and $\dfrac{2}{3}$ rd part of water, respectively. How long will they take to fill the tank?

(1) 13 min (2) 15 min

(3) 12 min (4) 16 min

88. Which Indian President was the Speaker of the Fourth Lok Sabha?

(1) Dr. S. D. Sharma

(2) Dr. Rajendra Prasad

(3) N. Sanjeeva Reddy

(4) Dr. S. Radhakrishnan

89. The main objective of TRYSEM was

(1) to train urban youth for self employment

(2) to train rural youth for self employment

(3) Both of the above

(4) None of the above

90. Amar Bose who recently died was known for his work on

(1) Sound

(2) Light

(3) Medicine

(4) Behaviour of Plants

91. 'A' can do a piece of work in $6\dfrac{2}{3}$ days. 'B' can do the same work in 10 days. Working together, both continue to do the work for 2 days and then 'A' leaves the work. In what time will 'B' alone will finish the remaining work?

(1) 4 days (2) 8 days

(3) 12 days (4) 5 days

92. Which of the following is not a viral disease?

(1) Tuberculosis

(2) Rabies

(3) Chicken Pox

(4) Hepatitis

93. What will be the greatest number that divides 1023 and 750 leaving remainders 3 and 2 respectively?

(1) 65 (2) 86

(3) 68 (4) 76

94. The maximum length of a pencil that can be kept in a rectangular box of dimensions 8 cm × 6 cm × 2 cm, is

(1) $2\sqrt{13}$ cm (2) $2\sqrt{26}$ cm

(3) $2\sqrt{14}$ cm (4) $10\sqrt{2}$ cm

95. Kuchipudi is a dance drama of which of the following states?

(1) Kerala

(2) Karnataka

(3) Andhra Pradesh

(4) Tamil Nadu

96. A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum". The woman's age is

(1) 23 yrs (2) 34 yrs

(3) 43 yrs (4) 45 yrs

97. Ram, Shyam and Kamal together start a business in partnership. The ratio of their capitals is 3 : 4 : 7. If their annual profit be Rs. 21000, what will be Kamal's share in the profit?

(1) Rs. 12500 (2) Rs. 10500

(3) Rs. 15000 (4) Rs. 10000

98. The 'Regur' soil is

(1) Red soil

(2) Black soil

(3) Alluvial soil

(4) None of these

99. Which letter is the 8th letter to the right of the letter, which is 12th from the left?

(1) V (2) W

(3) Y (4) T

100. The greatest development in the Kushana period was in the field of

(1) Religion

(2) Art

(3) Literature

(4) Architecture