1. Dengue fever is caused by:
   (a) Virus  (b) Bacteria
   (c) Monkey  (d) Birds

2. Which Indian State has a separate Constitution?
   (a) Delhi  (b) West Bengal
   (c) Rajasthan  (d) Jammu and Kashmir

3. The first man in space is:
   (a) Yuri Gagarin  (b) Neil Armstrong
   (c) Rakesh Sharma  (d) Alien Shepherd

4. “The Indian Struggle” is the autobiography of:
   (a) Sarojini Naidu  (b) Bal Gangadhar Tilak
   (c) Jawaharlal Nehru  (d) Subhash Chandra Bose

5. A group of poets known as ‘Ashtadiggajas’ adorned the kingdom of:
   (a) Harishar  (b) Bukka
   (c) Ala-ud-din Hassan  (d) Krishna Devaraya

6. Cricket originated in:
   (a) India  (b) America
   (c) South Africa  (d) England

7. Name the Keralite who had done a great speech in UN:
   (a) K.R. Narayanan  (b) V.K. Krishna Menon
   (c) Akkama Cheriyan  (d) Lekshmi N. Menon

8. The Kodungallur poet ‘Kunjikuttan Thampuran’ is also known as:
   (a) Kerala Kalidasa  (b) Kerala Panini
   (c) Kerala Vyasa  (d) Kerala Varma

9. Which Mohan Lal movie was based on the Independence struggle?
   (a) Ravana Prabhu  (b) Kalapani
   (c) Piravi  (d) Paradesi

10. The word ‘Monsoon’ is derived from:
    (a) English  (b) Tamil
    (c) Arabic  (d) Greek

11. ‘Steffi Graf is belongs to:
    (a) Germany  (b) Italy
    (c) England  (d) France

12. ‘Knot’ is used for measuring:
    (a) Speed of Rocket  (b) Speed of Aeroplane
    (c) Speed of ships  (d) Speed of Train

13. The meetings of Indian Parliament are summoned by:
    (a) The President  (b) Prime Minister
    (c) Vice President  (d) Speaker

14. Best conductor of heat and electricity is:
    (a) Copper  (b) Iron
    (c) Silver  (d) Aluminium

15. The Head Quarters of Vikram Sarabhai Space Centre is:
    (a) Thiruvananthapuram  (b) Mumbai
    (c) Nasik  (d) Chennai
16. The total number of Muscles in a human body is:
   (a) 200   (b) 300
   (c) 250   (d) 150

17. The great English poet who wrote two epic poems even after losing his eye sight
   (a) Shakespeare (b) William Wordsworth
   (c) Chaucer    (d) John Milton

18. The International Head Quarters of Red Cross:
   (a) New York (b) Geneva
   (c) London   (d) Paris

19. The first general election of India after Independence was in:
   (a) 1948   (b) 1947
   (c) 1949   (d) 1950

20. “The Crocodile Bank” in the country is located in:
   (a) Madras (b) Bangalore
   (c) Visakhapatnam (d) Thiruvananthapuram

21. Father of Electricity is:
   (a) Anders  (b) Alessandro Volta
   (c) Faraday (d) Alexander Graham Bell

22. Which Indian State has the longest coast line:
   (a) Kerala (b) Gujarat
   (c) Tamil Nadu (d) Maharashtra

23. In a particular country 35 million people still live in caves. Where?
   (a) India (b) Africa
   (c) Germany (d) China

24. The author of ‘Long Walk to Freedom’.
   (a) Amartya Sen (b) Nelson Mandela
   (c) Ang-San-Suki (d) Salman Rushdie

25. The first Mosque in India was established in:
   (a) Kodungallur (b) Kollam
   (c) Kasargod (d) Chaliyam

26. The first lady who won ‘Asoka Chakra’.
   (a) Kamlesh Kumari (b) Kiran Bedi
   (c) Padmavathy Bandopadhya (d) Medha Patkar

27. Cradle of the Indian Football is:
   (a) Calcutta (b) Mumbai
   (c) Kerala (d) Chennai

28. The motherland of Hermann Gundert:
   (a) England (b) America
   (c) Italy (d) Germany

29. The disease caused by deficiency of iron in the diet:
   (a) Loss of vision (b) Anaemia
   (c) Pellagra (d) Loss of hearing

30. The chief spokesman of the Government in Indian Parliament is:
   (a) President (b) Vice-President
   (c) Speaker (d) Prime Minister

31. The instrument used to measure humidity of the atmosphere:
   (a) Hygrometer (b) Thermometer
   (c) Barometer (d) Lactometer

32. The first Indian Woman in an Olympic track final:
   (a) Shiny Wilson (b) Anju George

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33. ‘Chalo Chalo Delhi Chalo’. This slogan was exhorted by:
   (a) Sarojini Naidu   (b) Subhash Chandra Bose
   (c) Gandhiji        (d) Babu Rajendra Prasad

34. The new name of Santa Cruz Airport of Mumbai:
   (a) Subhash Chandra Bose Airport   (b) Dum Dum Airport
   (c) Jawaharlal Nehru Airport       (d) Indira Gandhi Airport

35. Which river in India is known as the ‘River of Sorrow’.
   (a) Damodar River                  (b) Ganga River
   (c) Sindhu River                   (d) Periyar River

36. The author of ‘Astangahridaya’.
   (a) Vishnu Sharma                 (b) Chanakya
   (c) Bhavabhooti                    (d) Vagbhata

37. The Himalaya is an example of:
   (a) Volcanic Mountain             (b) Fold Mountain
   (c) Block Mountain                 (d) Residual Mountain

38. The most abundant metal in the Earth’s Crust:
   (a) Iron                         (b) Magnesium
   (c) Aluminium                    (d) Gold

39. UN celebrated .................. year as the year of Youth.
   (a) 1985                         (b) 1986
   (c) 1992                         (d) 1990

40. Which organ is considered as the chemical laboratory of the human body?
   (a) Heart                        (b) Liver
   (c) Kidney                       (d) Lungs

41. ‘Melody Queen of India’:
   (a) Usha Uthup                   (b) Sarojjini Naidu
   (c) P. Leela                     (d) Lata Mangeshkar

42. Indira Gandhi Centre for Atomic Research (IGCAR) is in:
   (a) Maharashtra                  (b) Kerala
   (c) Tamil Nadu                   (d) Uttar Pradesh

43. The one and only Indian Post Office outside India is in:
   (a) England                      (b) Antartica
   (c) America                      (d) South Africa

44. An Indian State formed on May 1st:
   (a) Tamil Nadu                   (b) Delhi
   (c) Rajasthan                    (d) Maharashtra

45. The most populated corporation of Kerala:
   (a) Ernakulam                    (b) Thrissur
   (c) Thruvananthapuram            (d) Cochin

46. The postage stamps were introduced in India by:
   (a) Lord Dalhousie               (b) Lord Canning
   (c) Lord Ripon                   (d) Lord Wellesley

47. The character ‘Karuthamma’ is created by:
   (a) Thakazhi                     (b) S.K. Pottekkad
   (c) M.T. Vasudevan Nair          (d) O. Chandu Menon

48. The Animal without fingers but with nails:
   (a) Tiger                        (b) Lion
   (c) Elephant                     (d) Dog

49. Which Vitamin is easily destroyed during cooking?
50. The Kerala Forest Research Institute situated in :
   (a) Thekkadi  (b) Peechi  
   (c) Muthanga  (d) Munnar

51. I am certain that I am wearing Leela’s cap, and she is wearing .......... 
   (a) my  (b) its  
   (c) her  (d) mine

52. Merchants in the town report that the orders .......... sweets have increased. 
   (a) for  (b) in  
   (c) to  (d) with

53. The audience stood up .......... silence for the National Anthem. 
   (a) with  (b) to  
   (c) in  (d) for

54. The antonym of entry is ............... 
   (a) exit  (b) disentry 
   (c) gateway  (d) doorway

56. The ............... is an important punctuation mark. 
   (a) comma  (b) coma 
   (c) comme  (d) cauma

57. Choose the correctly spelt word : 
   (a) defanition  (b) definition 
   (c) definision  (d) defenition

58. India has a good .......... team. 
   (a) hocky  (b) hokky  
   (c) hockey  (d) hokey

59. Don’t .......... your umbrella. 
   (a) lose  (b) loose  
   (c) loss  (d) lessen

60. I can only blame .......... for my failure. 
   (a) me  (b) my  
   (c) mine  (d) myself

61. Reciprocal of $\frac{512}{209}$ is : 
   (a) $\frac{5}{3}$  (b) $\frac{5}{4}$  
   (c) $\frac{5}{5}$  (d) $\frac{5}{81}$

62. If ‘P’ is the perimeter of an equilateral triangle inscribed in a circle, the area of the circle : 
   (a) $\frac{P^2}{3}$  (b) $\frac{P^2}{9}$  
   (c) $\frac{P^2}{27}$  (d) $\frac{P^2}{81}$

63. Consider the sequence of integers: 12233444455555 .......... where ‘n’ appears ‘n’ times. The 1994th term is : 
   (a) 52  (b) 63  
   (c) 94  (d) 88

64. Two triangles have their sides measuring 5 cm, 6 cm, 9 cm and 7.5 cm, 13.5 cm, 
   20.25 cm respectively. There areas are in the ratio : 
   (a) 2:3  (b) 4:9  
   (c) 9:4  (d) 3:2
75. If \( \phi(n) = n^3 + 3n^2 + 3n \). Then \( \phi(n+1) \) is:

(a) \( 2n^3 + 6n^2 + 3\)  
(b) \( 3n^3 + 12n^2 + 4n + 1\)  
(c) \( n^3 + 6n^2 + 12n + 7\)  
(d) \( n^3 + 4n^2 + 5\)

76. A length of 7 micro millimetre is:

(a) 0.000000007 mm  
(b) 0.00000007 mm  
(c) 0.00007 mm  
(d) 0.000007 mm

77. If each of the dimensions of a rectangle is increased by 200\%, then the area is increased by:

(a) 300\%  
(b) 200\%  
(c) 800\%  
(d) 600\%

78. \( 2^{101} - 2^{100} - 2^{99} \) is equal to:

(a) \( 2^9 \) 
(b) \( 2^8 \) 
(c) \( 2^{10} \) 
(d) \( 3 \times 2^9 \)

79. ‘B’ earns 20\% more than ‘A’, C 25\% more than ‘B’ and D 30\% more than ‘C’. If ‘D’ earns Rs. 975, then A earns:

(a) Rs 195  
(b) Rs. 375  
(c) Rs. 487.50  
(d) Rs. 500

80. The line joining the mid-points of the diagonal of a trapezoid has length ‘3’. If the longer base is 97 then the shorter base is:

(a) 94  
(b) 92  
(c) 90  
(d) 91

81. If the code of HEAD is HA-1001, then the code of FEED is:

(a) FE-1001  
(b) FE-1101  
(c) Fe-1101  
(d) FE-1110

82. Find Next in the series:

DEFI, EFGI, FGHJ, .................. 

(a) GHIK  
(b) GHKI  
(c) GHIL  
(d) HIJL

83. In a certain code:

Khalil is coded as 123454 and Gibran coded as 657839 then the code of ‘Algabar’ is:

(a) 4683733  
(b) 8378346  
(c) 3463738  
(d) 3463837

84. If ‘S’ means ‘+’, ‘M’ means ‘X’; ‘N’ means ‘\('\)' and ‘V’ means ‘-’. Then 6M5S9N3V3 is:

(a) 1  
(b) -1  
(c) 10  
(d) 0

85. In the following number how many 1’s are there which are immediately followed by ‘0’ and not immediately preceded by ‘5’.

5210638215901210421

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

86. In a code:

“Mother enjoys music” coded as \( \oplus \alpha \theta \); “Father not enjoys dance” as \( \sim \oplus \# @ \) and “people enjoy music” as “%a*” then music is:

(a) -a  
(b) #  
(c) \( \alpha \)  
(d) @

87. Pick odd man out:

(a) Treatment  
(b) Planning  
(c) Activate  
(d) Popping

88. Find the number that logically completes the series:

3, 4, 6, 8, 12, 16, .................., 32, 48, 64

(a) 18  
(b) 20  
(c) 28  
(d) 24
89. If 5 x 4 = 12 and 8 x 7 = 42 then 9 x 8 ..........
   (a) 24  (b) 48  (c) 40  (d) 36

90. If “K” denotes ‘|’; S denotes ‘-’; Z denotes ‘x’ and F denotes ‘+’ then 30S12Z6K2F10 is :
   (a) 64  (b) -4  (c) 4  (d) -64

91. What will come in the place ............. of the sequence COMMONPLACE, OMMONPLAE, MMONPAE, .................
   (a) MONAE  (b) MOPAE  (c) MONPA  (d) MONPE

92. In a meeting of 50 boys, each boy is required to shake hands with the other. Then how many total hand shakes will be there :
   (a) 1230  (b) 1000  (c) 1250  (d) 1225

93. If ‘PRUNES’ is coded as ‘SUXQHU’ then ‘ELIXIR’ is :
   (a) TOLALU  (b) HOLALU  (c) HOLALW  (d) HOLRLU

94. FILM:SCRIPT: : ................
   (a) DANCE : LYRIC  (b) SYMBOL : BANNER  (c) SONG : MUSIC  (d) DIRECTOR : ACTOR

95. Pick out the odd man out :
   (a) ASIMOV : FICTION  (b) WINDOWS : OS  (c) PHOTOSHOP : GIMP  (d) STEPHEN HAWKING : OXFORD

96. From 3 drums of petrol 27, 33 and 45 litres respectively are to be drawn out. What is the capacity of the measure which will allow this to be done most rapidly?
   (a) 1 litre  (b) 3 litre  (c) 6 litre  (d) 5 litre

97. The number of ‘Zero’s in the binary code of ‘15’ is :
   (a) 0  (b) 4  (c) 2  (d) 1
   Directions Q. No. 98 to 100 : Study the following arrangement and answer the following questions :
   R4F@J3U%T7K$7MP*9UT6

98. Which is the next in the series given below :
   R@F, J%U, %K7, ................
   (a) K%7  (b) PTU  (c) K$M  (d) KM7

99. How many such vowels are there in the above arrangement each of which is immediately preceded by a number and immediately followed by a consonant :
   (a) None  (b) One  (c) Two  (d) Three

100. How many such symbols are there in the “Arrangement” each of which is immediately preceded by a consonant but not immediately followed by a consonant :
    (a) More than three  (b) One only  (c) None  (d) Two
Answers

1. (a)  2. (d)  3. (a)  4. (d)  5. (d)  6. (d)  7. (b)  8. (c)  9. (b)  10. (c)  11. (a)  12. (c)  13. (a)  14. (c)  15. (a)  16. (d)  Correct answer is 630
17. (d)  18. (b)  19. (d)  20. (a)  21. (c)  22. (b)  23. (a)  24. (b)  25. (a)  26. (a)  27. (a)  28. (d)  29. (b)  30. (d)
31. (a)  32. (c)  33. (b)  34. (b)  35. (a)  36. (d)  37. (b)  38. (c)  39. (a)  40. (b)  41. (d)  42. (c)  43. (d)
44. (d)  45. (d)  46. (a)  47. (a)  48. (c)  49. (b)  50. (b)  51. (d)  52. (a)  53. (c)  54. (a)  55. (d)  56. (b)  57. (c)  58. (b)  59. (b)  60. (a)
61. (b)  62. (d)  63. (c)  64. (b)  65. (c)  66. (a)  67. (b)  68. (c)  69. (d)  70. (d)  71. (d)  72. (a)  73. (b)  74. (a)  75. (c)  76. (a)
77. (c)  78. (a)  79. (d)  80. (d)  81. (a)  82. (a)  83. (c)  84. (d)  85. (b)  86. (c)  87. (a)  88. (d)  89. (a)  90. (c)
91. (b)  92. (d)  93. (b)  94. (c)  95. (d)  96. (b)  97. (a)  98. (d)  99. (b)  100. (d).

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