1. Dengue fever is spread by:
   (a) Female anopheles mosquitoes
   (b) Aedes aegypti mosquitoes
   (c) Plasmodium Vivax
   (d) The bite of a mad dog
2. On going up of a mountain, the height of the mercury column in a barometer:
   (a) increases
   (b) decreases
   (c) remains the same
   (d) none of the above
3. The Bhatnagar Award is given for the significant contribution in the field of:
   (a) Agriculture
   (b) Economics
   (c) Literature
   (d) Science and Technology
4. The Dravidians probably came from:
   (a) Central Asia
   (b) Central Europe
   (c) Western Asia
   (d) Africa
5. The Ex-officio Chairman of the Planning Commission of India:
   (a) Prime Minister
   (b) President
   (c) Finance Minister
   (d) Revenue Minister
6. Who is known as the Father of Internet?
   (a) Charles Babbage
   (b) Bill Gates
   (c) Vinton G. Cerf
   (d) None of the above
7. The southern most part of India is:
   (a) Maldives
   (b) Palk Strait
   (c) Sri Lanka
   (d) Nicobar group of Islands
9. A man can finish a work in ‘x’ days, what part of the work can be done in ‘b’ days?
   (a) \( \frac{b}{x} \)
   (b) \( \frac{x}{b} \)
   (c) \( x \cdot d \)
   (d) \( x + b \)
10. If 56433 is written as 47342, how is 47342 written in the same code?
    (a) 56432
    (b) 38251
    (c) 54632
    (d) 3624
11. This is the man — I hate.
    (a) who
    (b) whose
    (c) whom
    (d) to whom
12. In which place the first Medical College was established in India?
    (a) Delhi
    (b) Agra
    (c) Kolkata
    (d) Bangalore
13. An instrument used to measure the depth of the ocean:
    (a) Radio Sounder
    (b) Echo Sounder
    (c) Radar
    (d) Geodimeter
14. She worked hard ......... she might get a first class.
    (a) as well as
    (b) as if
    (c) as far as
    (d) so that
15. The advertisements basic message ............... very well.
    (a) gets across
    (b) gets away
    (c) gets off
    (d) gets down
16. If MADRAS coded as 56 how can QUILON be coded?
    (a) 76
    (b) 86
    (c) 87
    (d) 88
17. Which part of the eye is used when the eye is donated?
    (a) Retina
    (b) Pupil
    (c) Lens
    (d) Cornea
18. How many chromosomes are found in the cells of the human body?
    (a) 40
    (b) 42
    (c) 44
    (d) 46
19. The date of occurrence of the Sumatra earthquake:
    (a) December 24th
    (b) December 25th
    (c) December 26th
    (d) December 27th
20. The chemically formed sedimentary rock is .................
21. The first human heart transplant operation was performed by..............
(a) Christian Bernard (b) Charles B. Huggins (c) Bekery (d) Edmund Fischer

22. The meaning of ‘Fauna’ is ............... 
(a) the plant life of a region 
(b) the animal life of a region 
(c) the remains of plant 
(d) the remains of animal

23. Identify the non-operation asset among the following: 
(a) Investment in government securities 
(b) Land 
(c) Building 
(d) Machinery

24. The Fundamental Rights which can be exercised by all person in India. 
(a) Right to constitutional remedies 
(b) Right to public employment 
(c) Right to equality before law 
(d) None of the above

25. Which of the following is the square root of 9? 
(a) \( \sqrt{3} \) 
(b) \( \sqrt{3} \) 
(c) \( \sqrt{9} \) 
(d) \( \sqrt{7} \)

26. \( \frac{7 + 7 + 7}{3 + 3 + 3} \) =? 
(a) \( \frac{3}{1} \) 
(b) \( \frac{3}{1} \) 
(c) \( \frac{5}{9} \) 
(d) \( \frac{3}{7} \)

27. The average of three consecutive odd numbers is 39. What is the sum of the first these numbers? 
(a) 11 
(b) 24 
(c) 76 
(d) 78

28. What is x% of ‘y’? 
(a) \( \frac{xy}{100} \) 
(b) \( x \) 
(c) \( \frac{100x}{y} \) 
(d) \( \frac{x}{100y} \)

29. If \( \frac{K}{\sqrt{5}} = 2\sqrt{5} \). What is the value of K? 
(a) 5 
(b) \( 5\sqrt{5} \) 
(c) 10 
(d) \( \frac{10}{\sqrt{5}} \)

30. What is the value of \( (a)^{b^{c^{d}}} \)? 
(a) a 
(b) 234a 
(c) 234 
(d) 1

31. Toffees are brought at a rate of 8 for one rupee. To gain 60% they must be at ..... 
(a) 6 for Re. 1 
(b) 5 for Re. 1 
(c) 9 for Re. 1 
(d) 16 for Re. 1

32. \( 19x (7 - 3 \times 2 - (5 - 4) ) \) is equal to............. 
(a) 1 
(b) 0 
(c) 19 
(d) 152

33. If \( A = \frac{2}{3} \) and \( B = \frac{1}{4} \) C, then what is \( A : B : C \)? 
(a) 2 : 3 : 4 
(b) 3 : 2 : 4 
(c) 2 : 4 : 12 
(d) 2 : 3 : 12

34. Phosphatic fertilizers promotes ............ 
(a) photosynthesis 
(b) resistance to disease 
(c) vegetative growth 
(d) seed formation

35. What immediate first aid is to be given for a child who suffers from acute dysentery? 
(a) Stop giving milk 
(b) Stop oral feeding 
(c) Give ice water to drink 
(d) Give fluids to drink
36. The colour in the solar spectrum having greater scattering is ............
    (a) red    (b) blue    (c) violet    (d) yellow

37. A metal that liberates hydrogen from cold water is ............
    (a) Zinc    (b) Calcium    (c) Iron    (d) Aluminium

38. In which country Pope John Paul II born?
    (a) Hungary    (b) Egypt    (c) Poland    (d) Spain

39. The product to be obtained in the natural disintegration of Uranium is ............
    (a) Barium    (b) Antimony    (c) Tin    (d) Lead

40. Which of the following is mainly intended for the protection of elephant?
    (a) Wyanad Sanctuary    (b) Kaziranga Sanctuary    (c) Corbett National Park    (d) Periyar National Park

41. The maximum concentration of Ozone is found on the ............
    (a) Troposphere    (b) Stratosphere    (c) Mesosphere    (d) Thermosphere

42. If the diameter of a sphere is doubled then its volume is...........
    (a) doubled    (b) becomes 4 times    (c) becomes 6 times    (d) becomes 8 times

43. \[
\left( \frac{2}{3} \right)^{1} \times \left( \frac{5}{7} \right)^{2}
\]
    is equal to ............
    (a) 1    (b) -1    (c) \frac{50}{98}    (d) 0

44. \[0.15 \div \frac{0.5}{15} = ............
\]
    (a) 0.45    (b) 0.5    (c) 4.5    (d) 45

45. \[10 + \frac{1}{10} + \frac{1}{100} + \frac{1}{1000} = ............
\]
    (a) 10.001    (b) 10.111    (c) 11.111    (d) 11.11

46. \[1.2 : 15 = x : 1.5, \] then the value of ‘x’ is ............
    (a) 0.12    (b) 1.2    (c) 12    (d) .012

47. By selling an article for Rs. 100, one gains Rs. 10, then the gain percent is ............
    (a) 9%    (b) 10%    (c) 10 1/2%    (d) 11 1/9%

48. \[\sqrt{5} + \sqrt{125} = 10, \] what is x ?
    (a) 5    (b) 15    (c) 25    (d) 30

49. H.C. F. of any two consecutive even numbers is ............
    (a) Their product    (b) Their sum    (c) 2    (d) 1

50. Which of the following is the best tourist season in Kerala?
    (a) March - June    (b) June - September    (c) October - November    (d) November - February

51. Nodules with nitrogen-fixing bacteria are present in the roots of .......
    (a) gram    (b) mustard    (c) cotton    (d) paddy

52. The currency of UAE is ............
    (a) Yen    (b) Dirham    (c) Mark    (d) Shekel

53. Which is the west flowing peninsular river?
    (a) Krishna    (b) Godavari    (c) Tapti    (d) Damodar

54. The filament of an electric bulb is generally made from ............
    (a) Manganese    (b) Nichrome    (c) Platinum    (d) Tungsten

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55. The highest gravity dam in the world:
(a) Bhakra Nangal  (b) Kosi
(c) Hirakud  (d) Nagarjuna Sagar

56. The Head Office of the Canal Inland Water Transport Board is ............
(a) Kolkatta  (b) Chennai
(c) Visakhapatnam  (d) New Delhi

57. Which among the following is the northern mountain range of the Himalayas?
(a) Siwalik  (b) Himadri
(c) Himachal  (d) Trans Himalayas

58. The year in which the Temple Entry Proclamation was issued in Travancore:
(a) 1935  (b) 1936  (c) 1937  (d) 1938

Find out the odd one from questions 59 to 63:

59. (a) Mare  (b) Drake  (c) Cow  (d) Hen

60. (a) Defence  (b) Protection  (c) Attack  (d) Shelter

61. (a) Maid  (b) Lad  (c) Madam  (d) Lass

62. (a) Sulphur  (b) Gold  (c) Silver  (d) Iron

63. (a) Air  (b) Wind  (c) Storm  (d) Fire

64. YWTQ is related to ZXUR, in the same way, TROL is related to:
(a) MKIF  (b) POMJ  (c) SPNK  (d) USPM

65. If ‘rubber tree’ is related to ‘plantations’, ‘teak tree’ is related to........
(a) Coniferous Forests  (b) Tropical Monsoon Forests
(c) Tidal forests  (d) Thorn forests

66. All students must work .......... to secure high marks.
(a) hard  (b) hardly  (c) harden  (d) hardy

67. ABEF is related to IJMN, in the same way, CDGH is related to:
(a) LMQR  (b) KLOP  (c) MORS  (d) OPST

68. The opposite of ‘flexible’ is ............
(a) strength  (b) strong  (c) rigid  (d) rigidity

69. The centre of the Indian Military Academy:
(a) Pune  (b) Secunderabad  (c) Dehradun  (d) New Delhi

70. Which of the following is not the centre of Atomic Power Plant?
(a) Koodamkulam - Tamil Nadu  (b) Panaji - Goa
(c) Kota - Rajasthan  (d) Narora - Uttar Pradesh

71. Which among the following is the World Population Day?
(a) June 11th  (b) July 11th  (c) August 11th  (d) September 11th

72. The highest commissioned rank in the Indian Army?
(a) Major General  (b) General
(c) Lieutenant General  (d) Brigadier

73. The Advocate General is appointed by...........
(a) President  (b) Vice President
(c) Governor  (d) Supreme Court Chief Justice

74. Name the State having more major ports.
(a) Tamil Nadu  (b) Maharashtra  (c) Gujarat  (d) Andhra Pradesh

75. The first Indian who reached the South Pole?
(a) Lt. Col. K.S. Rao  (b) Gen. K.M. Kariappa
(c) Col. J.K. Bajaj  (d) None of the above

76. The first Malayalam movie that obtained the President’s Silver Medal:
(a) Odayil Ninnu  (b) Chemmeen
(c) Bhargavi Nilayam  (d) Neelakkuyil

77. Name the ‘White City’ in India.

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78. How.... is it since you left your house?
   (a) far (b) long (c) many (d) much

79. I have ............ friends in the town.
   (a) a few (b) few (c) the few (d) little

80. The teacher asks the boy....?
   (a) why you are late (b) why you were late (c) why were you late (d) why are you late

81. The popular book ‘Paradise Lost’ was written by....... 
   (a) Charles Dickens (b) John Bunyan (c) John Milton (d) John Galsworthy

82. The measurements and calculations are to be extremely:
   (a) accurate (b) accurately (c) exactly (d) promptly

83. I saw a hut .......... the peasant lived.
   (a) there (b) where (c) that (d) which

84. Issac Newton .............. the force of gravitation.
   (a) discover (b) discovers (c) discovered (d) discovery

85. The Opium War was fought between China and .......... 
   (a) India (b) Britain (c) France (d) Korea

86. The British Governor who introduced “Doctrine of Lapse”:
   (a) Lord Dalhousie (b) Lord Wellesley (c) Lord Curzon (d) Lord Canning

87. The third Buddhist Council was held at ............
   (a) Nalanda (b) Pataliputra (c) Vaisali (d) Kashmir

88. Which of the following is the capital of the Chalukya dynasty?
   (a) Madurai (b) Thanjavoor (c) Kanchi (d) Vatapi

89. The first woman pilot in India:
   (a) Leila Seth (b) Prem Mathur (c) Reita Faria (d) Kalpana Chawla

90. Heat is transmitted from higher temperature to lower temperature by ........
   (a) Radiation (b) Conduction (c) Convection (d) All the above three

91. Which river is now lost in the Rajasthan desert?
   (a) Ravi (b) Beas (c) Saraswati (d) Sutlej

92. The famous book ‘The Spirit of Laws’ is written by ...........
   (a) Voltaire (b) Rousseau (c) Karl Marx (d) Montesquieu

93. Last year, my father ....... a computer from England.
   (a) purchase (b) bring (c) brought (d) send

94. The man is ............ enough to help the needy.
   (a) beneficient (b) beneficial (c) benefit (d) benefactor

95. The two brothers shared the apple ..... themselves.
   (a) by (b) between (c) for (d) with

96. The person who has long experience is .......
   (a) Pioneer (b) Scholar (c) Veteran (d) Boss

97. He gave me ............ orange.
   (a) a little (b) a (c) the (d) an

98. The boy cried aloud ........ he saw a snake.
   (a) yet (b) and (c) but (d) when

99. The ............ action of the visitor made the dog to jump upon him.
   (a) provoke (b) provocation (c) provocative (d) provoking

100. My uncle always ............ to my request.
    (a) response (b) responds (c) react (d) recognise
Answers

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

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