1. Who among the following, was praised as 'People's Princess' ?
   (A) Mother Teresa
   (B) Anne
   (C) Diana
   (D) Indira Gandhi

2. Which of the following places has beautiful beach ?
   (A) Kumbakonam
   (B) Kodaikanal
   (C) Kovalam
   (D) Quilon

3. The rotation of the Earth causes—
   (A) Tides
   (B) Days and Nights
   (C) Solar Eclipse
   (D) Lunar Eclipse

4. Which among the following is not a Prime Number ?
   (A) 5   (B) 7
   (C) 9   (D) 11

5. Adoor Gopalkrishnan is a noted—
   (A) Physician
   (B) Film Director
   (C) Sitar Player
   (D) Architect

6. In Fe_3O_4 iron exhibits valencies of—
   (A) 1 and 3   (B) 1 and 4
   (C) 2 and 3   (D) 3 and 4

7. "Swarajya is my birth right…" was said by—
   (A) Gandhiji   (B) Gokhale
   (C) Nehru   (D) Tilak

8. The food which gives an athelete instant energy is—
   (A) Glucose   (B) Butter
   (C) Protein   (D) Vitamin

9. Where is the Vivekananda Rock Memorial situated ?
   (A) Cochin
   (B) Vizag
   (C) Goa
   (D) Kanyakumari

10. The diameter of a cone is 1·4 cm. Its slant height is 4·2 cm. Find curved surface area—
    (A) 9·24 cm²   (B) 2·24 cm²
    (C) 8·14 cm²   (D) 6·94 cm²

11. Tiger is a—
    (A) parasite
    (B) predator
    (C) herbivore
    (D) decomposer

12. Octroi refers to—
    (A) Tax
    (B) Agriculture
    (C) Industry
    (D) None of these

13. Most of the rivers flowing West from the Western Ghats do not form deltas because of—
    (A) the high gradient
    (B) lack of vegetation free area
    (C) low velocity
    (D) lack of eroded material

14. The fastest man on earth is—
    (A) Carl Lewis
    (B) Usain Bolt
    (C) Tyson Gay
    (D) Asafa Powell

15. The book 'Satanic Verses' is written by—
    (A) Salman Rushdie
    (B) Karan Singh
    (C) Arundhati Roy
    (D) Amritha Pritam

16. Cricket ball is an example of a—
    (A) circle   (B) cube
    (C) cone   (D) sphere

17. The largest Island is—
    (A) Greenland
    (B) Srilanka
    (C) Maldives
    (D) Madagascar

18. The main function of White Blood Cells in the body is to—
    (A) carry oxygen
    (B) help in clot formation
    (C) produce more red cells
    (D) protect body against diseases

19. The sum of two digits of a number is 15. If 9 be added to the number, the digits are reversed. The number is—
    (A) 96   (B) 59
    (C) 78   (D) 69

20. All the following places get heavy annual rainfall (over 200), except—
    (A) Jodhpur
    (B) Mumbai
    (C) Shillong
    (D) Thiruvananthapuram

21. The Great Barrier Reef is a—
    (A) Coral formation
    (B) Hill range
    (C) Manmade wall
    (D) Tidal bore

22. The base of a triangle is 4 cm and height 5 cm, the area of the triangle will be—
    (A) 20 sq cm   (B) 20 cm
    (C) 10 sq cm   (D) 10 cm

23. How is the age of a tree determined ? Measuring—
    (A) the roots
    (B) the height
    (C) number of fruits
    (D) the number of annual rings

24. A candidate seeking election to a State Legislative Assembly must have completed the age of—
    (A) 30 years   (B) 25 years
    (C) 21 years   (D) 20 years

25. The theory of Check and Balances is a unique feature of the …… Constitution.
    (A) British   (B) German
    (C) American   (D) Japanese

26. The Prime Minister is the head of—
    (A) State
    (B) Government

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(C) State and Government

(D) None of these

27. The monthly tuition fee is increased from ₹ 750 to ₹ 900. The ratio of increased fee to the original fee is—

(A) 9 : 7   (B) 1 : 6

(C) 5 : 6   (D) 6 : 5

28. Florence Nightingale was also known as—

(A) Lady with the torch

(B) Lady with a heart

(C) Lady with the lamp

(D) Lady with medicines

29. ...... is used by Doctors to examine patients.

(A) Hygroscope

(B) Spectroscope

(C) Stethoscope

(D) Stroboscope

30. Which atomic power station in India is built completely indigenously ?

(A) Kalpakkam

(B) Narora

(C) Rawat Bhata

(D) Tarapore

31. Malaria is related to—

(A) Fever

(B) Diarrhoea

(C) Sneezing

(D) Common cold

32. All of the following are daily newspapers except—

(A) Hindu

(B) The Times of India

(C) India Today

(D) The Indian Express

33. Name the freedom fighter who killed Lord Ash at Maniyachi junction—

(A) Thiruppur Kumaran

(B) Subramania Siva

(C) V.O. Chidambaram

(D) Vanchinathan

34. Jesus came to life again after his death. It is called—

(A) reincarnation

(B) revival

(C) rejuvenation

(D) resurrection

35. Find the range from the following data—

100, 150, 200, 1000, 750, 400, 50.

(A) 950   (B) 850

(C) 750   (D) 1050

36. The well-known Indian revolutionary who died while on hunger strike for 63 days in the British Jail was—

(A) Jatin Das

(B) Raj Guru

(C) Sukh Dev

(D) Bhagat Singh

37. Which is the national tree ?

(A) Peepal   (B) Teak

(C) Banyan   (D) Coconut

38. The hormone which controls blood sugar level is—

(A) insulin

(B) adrenalin

(C) nor-adrenalin

(D) glucagon

39. Fishes respire through their—

(A) Lungs   (B) Ear

(C) Nose   (D) Gills

40. Crust is a part of Earth—

(A) Hydrosphere

(B) Lithosphere

(C) Core

(D) Atmosphere

41. Twice the square of number is the cube of 18. The number is—

(A) 54

(B) 108

(C) 432

(D) None of these

42. Which one of the following does not have a tetrahedra structure ?

(A) Graphite

(B) Diamond

(C) Ammonia

(D) Methane

43. OPEC stands for—

(A) Oil Prices Estimate Committee

(B) Overseas Productivity Expansion Council

(C) Organisation of Petroleum Exporting Countries

(D) Organisation of People Energising Council

44. Oilseeds are grown in all parts of India. From which of the following oilseeds do we extract the largest quantity of edible oil ?

(A) Cotton seeds

(B) Groundnut

(C) Mustard

(D) Sunflower

45. The dance form of Gujarat is—

(A) Kathak   (B) Kathakali

(C) Bhangra   (D) Garba

46. The founder of Brahmo Samaj was—

(A) Vivekananda

(B) Raja Rammohan Roy

(C) Athmaram Pandurang

(D) Sahajanand

47. Capital of Assam is—

(A) Shillong   (B) Kohima

(C) Dispur   (D) Gangtok

48. Which of the following has the largest numerical value ?

(A) $\dfrac{0 \cdot 8}{8}$ (B) $\dfrac{8}{0 \cdot 8}$

(C) $(0 \cdot 8)^2$ (D) $0 \cdot 8$

49. Gateway of India is in—

(A) Delhi   (B) Chennai

(C) Kolkata   (D) Mumbai

50. Which is known as city of temples ?

(A) Madurai   (B) Bangalore

(C) Mumbai   (D) Hyderabad

51. The difference between the largest four digit number and the smallest three digit number—

(A) 9899   (B) 9999

(C) 9989   (D) 9889

52. What value should come in place of both the question-marks (?) in the following equation ?

$$\dfrac{?}{32} = \dfrac{72}{?}$$

(A) 48   (B) 8

(C) 16   (D) 24

53. Who is the odd man out ?

(A) Andre Agassi

(B) Boris Becker

(C) Pete Sampras

(D) Steve Waugh

54. Name of first Asian orthopaedically handicapped swimmer from West Bengal who crossed the English Channel—

(A) Mohankand Banerjee

(B) Asharoy Choudhary

(C) Mihir Sen

(D) Masudur Rahman Badiya

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55. The insect not useful to man is—
    (A) rice weevil (B) honeybee
    (C) silkworm (D) lac insect

56. Which State in India leads in the production of Virginia Tobacco ?
    (A) Andhra Pradesh
    (B) Gujarat
    (C) Madhya Pradesh
    (D) Tamil Nadu

57. 15 divided by 0 is—
    (A) 15 (B) 0
    (C) 1 (D) Not defined

58. The total ages of a father and son now is 50 years. After 10 years their ages will be in ratio 5 : 2. What are their ages now in years ?
    (A) 40 and 10 (B) 20 and 10
    (C) 10 and 20 (D) 40 and 20

59. Who is the author of 'Harry Potter' series of books ?
    (A) Arundhathi Roy
    (B) Salman Rushdie
    (C) J.K. Rowlings
    (D) Dr. Seuss

60. If 6a35 is divisible by 11, then the value of a is—
    (A) 2 (B) 4
    (C) 6 (D) 8

61. When was atom bomb dropped in Hiroshima ?
    (A) 1945 (B) 1955
    (C) 1961 (D) 1900

62. Who among the following is regarded as the "Father of Russian Revolution" ?
    (A) Kerensky (B) Trotsky
    (C) Karl Marx (D) Lenin

63. A vehicle starts from A and travels 10 km towards north. It turns to its right and travels 15 km. Again it turns to its right and reaches B after travelling 10 km. The distance between A and B is—
    (A) 25 km
    (B) 15 km
    (C) 10 km
    (D) None of these

64. What is the sum of three angles of a triangles?
    (A) 180° (B) 280°
    (C) 360° (D) 90°

65. What is minimum duration of a stay necessary, before a person can apply for Indian citizenship ?
    (A) 5 years (B) 3 years
    (C) 7 years (D) 10 years

66. The largest Mangrove forest is found in—
    (A) West Bengal
    (B) Madhya Pradesh
    (C) Jharkhand
    (D) Haryana

67. GPS (Global Positioning System) pinpoints location accurately. The system works by using—
    (A) Radar
    (B) Sonar
    (C) Cell phone
    (D) Flect of satellites

68. The longest side in the right angled triangled is known as—
    (A) base
    (B) altitude
    (C) hypotenuse
    (D) hippopotamus

69. ₹ 1,000 is to be divided among A, B and C such that A gets twice as B and B gets thrice as C. The share of C is—
    (A) ₹ 50 (B) ₹ 100
    (C) ₹ 125 (D) ₹ 200

70. The value of 18-88 is equal to—
    (A) 70 (B) –70
    (C) 50 (D) –50

71. The famous rock-cut temple of Kailasa is at—
    (A) Ajanta (B) Badami
    (C) Konark (D) Ellora

72. Which is Bird Sanctuary ?
    (A) Corbett National Park
    (B) Kaziranga National Park
    (C) Ranthambore Sanctuary
    (D) Vedanthangal Sanctuary

73. Rabindranath Tagore was also known as—
    (A) Gurudev (B) Raja
    (C) Sardar (D) Samrat

74. The difference between $\frac{3}{4}$ th of 64 and $\frac{2}{3}$ rd of 48 is equal to—
    (A) 24 (B) 20
    (C) 32 (D) 16

75. Akbar's objective in promulgating Din-i-Ilahi was to—

(A) Unite all religions
(B) Win over the Hindu majority
(C) Be the religious head
(D) Curb the authority of the clerics

76. Multiplication of –5, –20 and –199 gives—
    (A) 1900 (B) 19900
    (C) –19900 (D) –1900

77. A rectangular field is 90m by 70 m. A man walks 5 times round this field. What is the distance he has walked ?
    (A) 1200 m (B) 1400 m
    (C) 1600 m (D) 2000 m

78. Who is believed to be the Father of Set Theory ?
    (A) Leonhard Euler
    (B) George Cantor
    (C) Berovenio
    (D) Bernhard Riemann

79. River that passes through Tamil Nadu and Karnataka is—
    (A) Vaigai (B) Periyar
    (C) Krishna (D) Cauvery

80. The muscular organ that separates the body cavity into abdomen and thorax is—
    (A) Diaphragm
    (B) Endometrium
    (C) Cartilage
    (D) Septum

81. The sum of the fraction $\frac{1}{18}$ and $\frac{1}{18}$ is given by—
    (A) $\frac{1}{9}$ (B) $\frac{1}{18}$
    (C) $\frac{2}{36}$ (D) $\frac{36}{18}$

82. What is the useful product got from fungi ?
    (A) Penicillin (B) Paint
    (C) Oil (D) Sugar

83. The biggest airport among the following is the—
    (A) Meenambakkam Airport, Chennai
    (B) Dum Dum Airport, Kolkata
    (C) T3 Airport, New Delhi
    (D) Cochin Airport

84. What is the length of the garden if area of rectangular garden of width 50 m is 300 sq.m?
    (A) 2 m (B) 4 m
    (C) 6 m (D) 8 m

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85. In 1919, innocent Indians were massacred by the British Army while holding a peaceful meeting. This was in—
    (A) Botanical Garden, Ooty
    (B) Malampuzha Garden
    (C) Jallianwala Bagh
    (D) Pinjore Garden

86. Socrates was asked to drink poison, which was—
    (A) Hemlock
    (B) Cyanide
    (C) Carbonated drinks
    (D) White phosphorus

87. Who amongst the following was a astronaut ?
    (A) Kalpana Lajmi
    (B) Kalpana Devi
    (C) Kaplana Chawla
    (D) Kalpana Pandit

88. The ratio of two numbers is 2 : 3. Their sum of 60. The numbers are—
    (A) 20, 40   (B) 24, 36
    (C) 30, 30   (D) 25, 35

89. The Chairperson of UPA is—
    (A) Manmohan Singh
    (B) Meira Kumar
    (C) Pranab Mukherjee
    (D) Sonia Gandhi

90. $1001 \cdot 101 + 101 \cdot 01 + 11 \cdot 11 = ?$
    (A) 1122·221   (B) 1113·221
    (C) 1113·23   (D) 1022·312

91. The ratio of 2 litres to 600 ml is—
    (A) 1 : 300   (B) 1 : 30
    (C) 3 : 10   (D) 10 : 3

92. David Beckham is a …… player.
    (A) Hockey   (B) Rugby
    (C) Basketball   (D) Football

93. M.S. Subbulakshmi is a—
    (A) Carnatic Singer
    (B) Hindustani Singer
    (C) Pop Singer
    (D) Jazz Musician

94. Industrial Revolution in European countries resulted in the concept of—
    (A) Socialism
    (B) Colonialism
    (C) Communism
    (D) Capitalism

95. Who was known as Fuhrer ?
    (A) Adolf Hitler (B) Mussolini
    (C) Napoleon   (D) Joan of Arc

96. What percentage of 60 is 45 ?
    (A) 75   (B) 80
    (C) 90   (D) 85

97. Who is legally competent to declare war ?
    (A) President
    (B) Prime Minister
    (C) Lok Sabha
    (D) Parliament

98. The Anarchial and Revolutional Crime Act (1919) was popularly known as the—
    (A) Rowlatt Act
    (B) Pitts India Act
    (C) Indian Army Act
    (D) Ilbert Bill

99. The State which tops in the cultivation of spices is—
    (A) Kerala   (B) Karnataka
    (C) Rajasthan   (D) Punjab

100. Find the ratio of 33 km to 121 km—
    (A) 3 : 11   (B) 3 : 13
    (C) 3 : 17   (D) 3 : 19

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