1. "Todas" from a tribal group of :
(A) Nilgiri Hills
(B) Satpura range
(C) Kanya Kumarika
(D) Chotonagpur Plateau

2. The only vector quantity among the following is
(A) Electric charge
(B) Electric field intensity
(C) Electric potential
(D) Electrical Resistance

3. The current in a 100 W, 220V electric light is :
(A) $\frac{5}{11}$ amp
(B) $\frac{6}{11}$ amp
(C) $\frac{3}{11}$ amp
(D) $\frac{4}{11}$ amp

4. Urea was the first Organic compound synthesized in laboratory by
(A) Lavoisier
(B) Wohler
(C) Berzelious
(D) Pasteur

5. The role of CO_2 in increasing the average temperature of the Earth is :
(A) 49%
(B) 14%
(C) 18%
(D) 13%

6. The mammalian nerve cell always found in :
(A) G2 Stage
(B) G1 Stage
(C) G0 Stage
(D) M Stage

7. Cost price of suar is decreased by 20% . Then what will be the amount of sugar one get more with the money which was the price of 20 kg. sugar, before ?
(A) 16 kg.
(B) 10 kg.
(C) 4 kg.
(D) 5 kg.

8. Weight of a pitcher fully with water is 16. 5 kg. Weight of the same pitcher is 7.5 kg. When $\frac{2}{5}$ part of its is filled with water, what will be weight when its 1/2 part is filled up ?
(A) 9 kg.

(B) 10 kg.

(C) 3 kg.

(D) 15 kg.

9. The sum of ages of three person is 171 yrs. 8 yrs. ago ratio of their ages was 8 : 7 : 6 . Find out their present age.

(A) 68 yrs. 67 yrs. 35 yrs.

(B) 64 yrs, 57 yrs. 50 yrs.

(C) 55 yrs. 40 yrs.47 yrs.

(D) 75 yrs, 82 yrs. 90 yrs.

10. Find out a number so that ratio of $\frac{3}{4}$ with the number is equal to ratio of the number with $\frac{27}{64}$

(A) $\frac{9}{16}$

(B) $\frac{9}{16}$

(C) $\frac{7}{16}$

(D) $\frac{9}{16}$

11. Find out the last digit of the number $(137)731$

(A) 3

(B) 5

(C) 1

(D) 8

12. A rocket left from the earth to land on the moon and return to the earth. It will require the greatest energy to

(A) Lift from the earth

(B) Land of the moon

(C) Lift from the moon

(D) Land on the earth

13. Of the following nuclei, which two have an equal numbers of neutrons ?

(A) Ne20, Ne21

(B) C12, N14

(C) C12, N13

(D) Li7, Be9

14. Atomic weight of an element is 24 and its atomic number is 12 . Therefore its equivalent weight will be:

(A) 12

(B) 24

(C) 16

(D) 48

15. Somatic diploid nucleus is termed as

(A) pro- nucleus

(B) Amphinucleus

(C) Hemlnucleus

(D) Heterokaryon

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16. Tracheal Gill is found in
(A) Limulus or King carb
(B) Mosquito Larva
(C) Fish
(D) Salamander

17. Find out the ratio in which Darjeeling tea costing Rs.32 per kg. and Assam tea costing Rs. 25 per kg. are mixed and then the mixture is sold in Rs.32.40 per kg. at a profit of 20%.
(A) 2 : 5
(B) 3 : 4
(C) 5 : 6
(D) None of the above

18. Average of first four number among five numbers Rs. is 26 and that last of four numbers is 25 . Find out the difference between the first and fifth number.
(A) 5
(B) 4
(C) 6
(D) 7

19. The denominator of a fraction which is equal to $\frac{2}{4\frac{2}{3}}$ is 7. Find the numerator:
(A) 11
(B) 32
(C) $3\frac{2}{11}$
(D) $\frac{5}{11}$

20. Length of a page of your exercise book is 15 cms and breadth of the same is 12 cm. There is 2 cm, broad margin in each side of the page . find out the area ot the page where you write.
(A) l00 sq.cm.
(B) 92 sq.cm.
(C) 95 sq.cm
(D) 98 sq.cm.

21. Area of a square "P" is $\frac{121}{256}$ part of the area of square "Q" . Length of the square "P" will be a part of the length of the side of square "Q". Find out the part.
(A) $\frac{1}{16}$
(B) $\frac{11}{16}$
(C) $\frac{13}{16}$
(D) $\frac{2}{16}$

22. Article 19 of the Indian Constitution is related to
(A) right to equality
(B) right to freedom of religion
(C) right against exploitation
(D) right to freedom

23. The financial emergency (Art-360) was imposed first time in the year of

(A) 1962
(B) 1965
(C) 1975
(D) None of the above

24. Eminent Coach Jagminder Sing was awarded Dronachrya Award, 2008 for the game of
(A) Archery
(B) Wrestling
(C) Boxing
(D) Volleyball

25. The Olimpic games of 2008 was held in the city of :
(A) Shanghai
(B) Beijing
(C) Tokyo
(D) Seoul

26. The which Indian Cricketer was hounered by Wisden Cricketers Almanack for 2008 as one of the five Cricketers of the year ?
(A) Anil Kumble
(B) V.V. S. Laxman
(C) Harabhajan Singh
(D) Zaheer Khan

27. Who Composed the famous music "Imagine"?
(A) John Lenon
(B) Ricky Martin
(C) Pit Sigar
(D) Paul Robson

28. What is "Jagaddal"?
(A) A short story
(B) An old Ford car
(C) A Film
(D) A factory

29. "Shylock" is a character of the drama :
(A) As you like it
(B) the merchant of Venice
(C) The Tempest
(D) Twelfth Night

30. Who was the founder of "Slave Dynasty" in India ?
(A) Mahmud
(B) Muhammad Ghori
(C) Qutab-ud-din Aibak
(D) Iltutmish

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31. The black soil of Western India is called :
(A) Regur
(B) Terra Rosa
(C) Terja
(D) Laterite

32. Nagarjunasagar Multipurpose Project included the construction of a dam across
(A) River Ganga
(B) River Son
(C) River Jhelum
(D) River Krishna

33. 10 gm. of ice at 0°C is mixed with 10 gm. of water at 10°C. Temperature of the mixture will be :
(A) 1°C
(B) 0°C
(C) 10°C
(D) 5°C

34. The number of electrons in the outermost orbit of the element of atomic number 15 is :
(A) 1
(B) 3
(C) 5
(D) 7

35. Which one of the following is the most soluble in water ?
(A) $Mg(OH)_2$
(B) $Sr(OH)_2$
(C) $Ca(OH)_2$
(D) $Ba(OH)_2$

36. Which of the following is not a Pyrimidine base ?
(A) Thymine
(B) Uracil
(C) Guanine
(D) Cytosine

37. The ratio of length and breadth of a rectangular space is 3 :1. Its area is 192 Sq. meter . Find out its length and breadth,
(A) 24 meter, 8 meter
(B) 30 meter, 15 meter
(C) 48 meter, 26 meter
(D) 50 meter, 10 meter

38. There is a drum containing 5 kl. 432 lit. mustard oil, and another drum containg 5 Kl. 917 lit. coconut oil. A number of tins of same size are fully filled up with two types of oils sepatately. Find out the possible largest volume of each tin . ?
(A) 100 lit.
(B) 120 lit.
(C) 130 lit
(D) None of the above

39. Weight of 1 litre water is 1 Kg. Find out the volume of 0.1 gm. water in cubic milimetre ?
(A) 300 cubic ml.m.
(B) 500 cubic ml.m.
(C) 200 cubic ml. m.
(D) 100 cubic ml.m.

40. Difference between a simple fraction and its reciprocal $1\frac{1}{15}$. Find out the fraction,
(A) $\frac{3}{8}$
(B) $\frac{5}{8}$
(C) $\frac{2}{7}$
(D) $\frac{3}{5}$

41. Product of two numbers is $\frac{14}{15}$ and their quotient is $\frac{35}{24}$. Find out the numbers
(A) $\frac{1}{15}\frac{12}{19}$
(B) $\frac{5}{7}$ $\frac{3}{10}$
(C) $\frac{7}{6}\frac{4}{5}$
(D) $\frac{3}{5}\frac{9}{21}$

42. The first elected President of the Indian Republic was :
(A) C. Rajagopalachari
(B) Babu Rajendraprasad
(C) Sarvapalli Radhakrishnan
(D) Sardar Vallabh Bhai Patel

43. Which of the following countries is honoured to chair the Group of Twenty (G-20) in 2009 ?
(A) USA
(B) UK
(C) France
(D) Germany

44. The Indian author who received the Booker Prize for Fiction (2008) is :
(A) V.S. Naipal
(B) Kiran Desai
(C) Arundhati Roy
(D) Aravind Adiga

45. Hockey was introduced in the Asian Games in
(A) 1958 in Tokyo
(B) 1962 in Jakarta

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(C) 1966 Bangkok
(D) 1970 Bangkok

46. The trophy known by the name of Grand Prix is associated with
(A) Table Tennis
(B) Lawn Tennis
(C) Table tennis & Lawn Tennis
(D) Table Tennis Lawn Tennis & Shooting

47. Come Away with me - whose album is it ?
(A) Madonna
(B) Britnery Spears
(C) Shakira
(D) Nora Jones

48. "Jete Pari Kintu Keno Jabo" was written by :
(A) Sakti Chattapadhyaya
(B) Sunil Gangopadhyaya
(C) Sarat Kumar Mukhopadhyaya
(D) Nirendranath Chakarbarty

49. Who is the author of " Twenty Thousand Leagues Under the Sea " ?
(A) M. K. Rollings
(B) Harold Robins
(C) Jun Vene
(D) Dan Brown

50. Who introduced Din-i-Ilahi ?
(A) Aurangzeb
(B) Akbar
(C) Sher Shah
(D) Dara Sukha