1. 'Danger'—whose album is it ?
   (A) John Lenon
   (B) Paul Robson
   (C) M. Jackson
   (D) Harry Belafonte

2. The nearest planet of the Sun is—
   (A) Mars
   (B) Venus
   (C) Mercury
   (D) Saturn

3. Who is the author of 'Abol Tabol' ?
   (A) Upendrakishore Raychowdhuri
   (B) Sukumar Ray
   (C) Satyajit Ray
   (D) Sandip Ray

4. The number of medals won by India in the 2010 Commonwealth Games—
   (A) 98
   (B) 101
   (C) 107
   (D) 115

5. How many Fundamental Rights have been incorporated in the Constitution of India ?
   (A) Six
   (B) Four
   (C) Seven
   (D) Nine

6. 'Desdemona' is a character of the drama—
   (A) The Tempest
   (B) Romeo and Juliet
   (C) King Lear
   (D) Othello, The Moor of Venice

7. Who was the last king of the Maurya dynasty ?
   (A) Asoka
   (B) Brihadratha
   (C) Chandragupta II
   (D) Pushyamitra Sunga

8. The word 'Bergschurnd' is associated with the—
   (A) works of rivers
   (B) works of winds
   (C) works of glaciers
   (D) works of waves

9. How many Fundamental Duties have been incorporated in the Constitution of India ?
   (A) Five
   (B) Seven
   (C) Ten
   (D) Twelve

10. Who was famous for portraying the character of 'Jagannath' ?
    (A) Manoj Mitra
    (B) Kaushik Sen
    (C) Arun Mukhopadhyaya
    (D) Sambhu Mitra

11. Aphelion position of the earth occurs on—
    (A) July 4
    (B) January 3
    (C) March 21
    (D) September 23

12. The compound which contains both ionic and covalent bonds is—
    (A) $CH_4$
    (B) $H_2$
    (C) KCN
    (D) NaCl

13. Under which Article of Constitution of India a citizen can go to the Supreme Court for the protection of his Fundamental Rights ?
    (A) Article 5
    (B) Article 226
    (C) Article 32
    (D) Article 356

14. Ace footballer Christiano Ronaldo is associated with the club called—
    (A) Brazil FC
    (B) Cosmos
    (C) Real Madrid
    (D) Argentina XI

15. A trader marked his goods up by 50%. What per cent of discount he can allow so that there is no gain no loss ?
    (A) 50%
    (B) 40%
    (C) $38\frac{1}{2}\%$
    (D) $33\frac{1}{3}\%$

16. By selling an article if there is a loss of $12\frac{1}{2}\%$, then ratio of selling price and cost price is—
    (A) 5 : 7
    (B) 7 : 8
    (C) 6 : 7
    (D) 8 : 7

17. Under which provision of the Indian Constitution, Union can protect the State against external aggression and internal disturbance ?
    (A) Article 355
    (B) Article 356
    (C) Article 359
    (D) Article 360

18. Who won the 56th National Award for best female playback singer ?
    (A) Lata Mangeshkar
    (B) Sunidhi Chauhan
    (C) Shreya Ghosal
    (D) Alka Yagnik

19. 'Green Park', where test cricket is played, is located in—
    (A) Chennai
    (B) Ahmedabad
    (C) Kanpur
    (D) Johannesburg

20. The ratio of velocity of the minute hand and second hand of a clock is—
    (A) 1 : 60
    (B) 1 : 720
    (C) 1 : 120
    (D) None of the above

21. By which amendment, the 9th Schedule has been introduced in the Constitution of India ?
    (A) 1st Amendment
    (B) 3rd Amendment
    (C) 10th Amendment
    (D) 14th Amendment

22. 'Byomkesh Bakshi' Character was created by—
    (A) Manik Bandyopadhyaya
    (B) Satinath Bhaduri
    (C) Banaful
    (D) Sharadindu Bandyopadhyaya

23. When a glass rod of refractive index $\mu_2$ is immersed in glycerine of refractive index $\mu_1$ it becomes invisible. Then we can say—
   (A) $\mu_1 < \mu_2$
   (B) $\mu_1 > \mu_2$
   (C) $\mu_1 = \mu_2$
   (D) This phenomenon does not depend on refractive index

24. Who won the 52nd Grammy Award in 'Motion Picture Song' category ?
   (A) A. R. Rahman
   (B) Nora Jones
   (C) Lady Gaga
   (D) John Lenon

25. Article 25 of the Constitution of India deals with—
   (A) Right to Equality
   (B) Right to Freedom
   (C) Right to Religion
   (D) Right against Exploitation

26. Bernard Shaw is the author of the drama—
   (A) Arms and the Man
   (B) Death of a Salesman
   (C) Murder in the Cathedral
   (D) Twelfth Night

27. The first medieval ruler to propound the divine theory of kingship was—
   (A) Iltutmish
   (B) Balban
   (C) Firuz Tughluq
   (D) Ala-ud-din Khalji

28. Tunga Bhadra is a tributary of—
   (A) Krishna river
   (B) Cauvery river
   (C) Godavari river
   (D) Mahanadi river

29. Number of different oxides formed by nitrogen is—
   (A) four
   (B) five
   (C) two
   (D) three

30. Which of the following states was previously known as NEFA ?
   (A) Nagaland
   (B) Manipur
   (C) Mizoram
   (D) Arunachal Pradesh

31. Sanjukta Panigrahi was famous for the dance—
   (A) Manipuri
   (B) Odissi
   (C) Bharatnatyam
   (D) Kaththak

32. Ratio of A&B is 2 : 3 and that of B&C is 4 : 3, then the ratio of A : B : C is—
   (A) 8 : 12 : 15
   (B) 6 : 9 : 8
   (C) 8 : 12 : 9
   (D) 8 : 16 : 9

33. A sum of money amounts to Rs. 6900 in 3 years and Rs. 7800 in 6 years. The rate of interest is—
   (A) 7%     (B) 6%
   (C) 8%     (D) 5%

34. The average of a number and its square is five times of the number. The number is—
   (A) 5     (B) 9
   (C) 8     (D) 7

35. The value of $5\overset{..}{3} + 3\cdot\overset{..}{2}5 + 12\cdot\overset{.}{1}$ is—
   (A) $20\cdot\overset{..}{0}69$   (B) $20\cdot\overset{..}{6}5$
   (C) $20\cdot\overset{..}{6}9$    (D) $20\cdot\overset{.}{1}69$

36. Two 220 V, 60 W bulbs are used for 5 hours a day for 10 days. If each unit (1 kilowatt hour) costs Rs. 3·50, find the total expense for it—
   (A) Rs. 10·50   (B) Rs. 21·00
   (C) Rs. 38·50   (D) Rs. 77·00

37. Balmuralikrishna is an exponent of—
   (A) Lok-geet
   (B) Kheyal
   (C) Tappa
   (D) Karnataki Sangeet

38. A famous novel 'Pride and Prejudice' is written by—
   (A) George Eliot
   (B) Leo Tolstoy
   (C) Charles Dickens
   (D) Jane Austen

39. Who of the following became a member of the 'Din-i-Ilahi' ?
   (A) Man Sing   (B) Todar Mal
   (C) Tansen      (D) Birbal

40. True desert in Rajasthan is known as—
   (A) Bagar
   (B) Khadar
   (C) Marusthali
   (D) Rohilkhand

41. Shib Kumar Sharma is famous for—
   (A) Santoor Recital
   (B) Sitar Recital
   (C) Sarod Recital
   (D) Flute Recital

42. Who is the author of 'Aranyer Adhikar' ?
   (A) Mahasweta Devi
   (B) Ashapurna Devi
   (C) Sangita Bandyopadhyay
   (D) Mandakranta Sen

43. "Autobiography of An Unknown Indian" is a book written by—
   (A) R. K. Narayan
   (B) Nirad C. Choudhury
   (C) R. K. Laxman
   (D) Rajmohan Gandhi

44. Who introduced the 'Subsidiary Alliance' ?
   (A) Dalhousie   (B) Wellesley
   (C) Ripon         (D) Minto

45. The impact of Green Revolution in India was felt most in case of—
   (A) Rice          (B) Wheat
   (C) Oil Seeds   (D) Jute

46. There are four statements given below explaining why mercury is chosen as a thermometric liquid. Which of these statements is wrong ?
   (A) Mercury is a good conductor of heat
   (B) Mercury does not stick to glass
   (C) Mercury has a large specific heat
   (D) Volume of mercury increases equally for equal rises of temperature

47. The internal energy of a body means—
   (A) Its kinetic energy
   (B) Total kinetic energy of its constituent molecules
   (C) Sum total of its kinetic and potential energy
   (D) Sum total of the kinetic and potential energy of its constituent molecules

48. The element which form ampho-teric oxides is—
    (A) bismuth
    (B) antimony
    (C) phosphorous
    (D) sodium

49. The single acid which dissolves gold is—
    (A) Nitric acid
    (B) Hydrochloric acid
    (C) Selenic acid
    (D) Aqua regia

50. What was the result in the India-South Africa Test series in cricket in 2010-2011 ?
    (A) South Africa won 2–0
    (B) India won 1–0
    (C) South Africa won 1–0
    (D) Series drawn 1–1

51. A and B start a partnership busi-ness. Ratio of their investment is $\frac{1}{3} : \frac{1}{4}$. They agreed to pay 30% of the total profit to B for manage-rial work and rest will be distributed as per their share. If at the end of a year, total profit is ₹ 20,000, find share of profit of A—
    (A) ₹ 7,500
    (B) ₹ 7,200
    (C) ₹ 8,500
    (D) ₹ 8,000

52. The expenses on rice, fish and oil of a family are in the ratio of 12 : 17 : 3. The prices of these articles are increased by 20%, 30% and 50% respectively. The total expenses of the family are increased by—
    (A) $14\frac{1}{8}\%$
    (B) $7\frac{1}{8}\%$
    (C) $28\frac{1}{8}\%$
    (D) $56\frac{1}{8}\%$

53. Which of the following is a dimensionless quantity ?
    (A) Volume
    (B) Acceleration
    (C) Kinetic energy
    (D) Refractive Index

54. Rectified spirit is a—
    (A) mixture of 95% ethanol + 5% methanol
    (B) mixture of 95% ethanol + 5% $H_2O$

(C) mixture of 95% ethanol + 5% pyridine
    (D) 100% ethanol

55. Who discovered the germ of malaria ?
    (A) Lamarck
    (B) G. J. Mendel
    (C) De Vries
    (D) Ronald Ross

56. 10 men and 8 boys can do same work as 4 men and 20 boys can do. Then how many men can do the work of 16 boys ?
    (A) 8
    (B) 10
    (C) 6
    (D) 12

57. The speed of a train is 30% more than that of an express bus. What is the time taken by the train to cover a distance which is covered by the bus in 4 hour 20 minute ?
    (A) 3 hour 20 minute
    (B) 3 hour 10 minute
    (C) 3 hour
    (D) 3 hour 30 minute

58. In an examination, having 273 candidates, the ratio of successful and unsuccessful candidates is 11 : 2. If 3 more candidates become successful, find the new ratio of successful and unsucc-essful candidates—
    (A) 6 : 1
    (B) 13 : 2
    (C) 17 : 3
    (D) 9 : 2

59. A certain sum of money trebles itself in 8 years. In how many years it will be five times ?
    (A) 22 years
    (B) 16 years
    (C) 20 years
    (D) 24 years

60. A dishonest tradesman marks his goods at an advance of 5% on the cost price, but uses a fradulent balance. Whose beam is hori-zontal when the weight in one scale is one-fifteenth more than the weight in the other. His actual gain per cent is—
    (A) 10%
    (B) 15%
    (C) 12%
    (D) 11%

61. The play 'Nathabati Anathabot' was directed by—
    (A) Sambhu Mitra
    (B) Shamoli Mitra
    (C) Tripti Mitra
    (D) Kumar Ray

62. Who wrote the drama 'Hallabol' ?
    (A) Badal Sarkar
    (B) Safdar Hashmi
    (C) Utpal Dutta
    (D) Manoj Mitra

63. Who wrote 'Indica' ?
    (A) Fa Hien
    (B) Hieun Tsang
    (C) I–Tsing
    (D) Megasthenes

64. Between Elburz and Zagros lies—
    (A) Arabian plateau
    (B) Tibetan plateau
    (C) Anatolian plateau
    (D) Iranian plateau

65. In which year Muslim League first gave the call for a separate State of Pakistan ?
    (A) 1939
    (B) 1940
    (C) 1941
    (D) 1942

66. An object travels the first 300 km of its journey of 500 km in 6 hrs and the rest 200 km in 10 hrs. Then its average speed is—
    (A) 25·5 kmph
    (B) 31·25 kmph
    (C) 35 kmph
    (D) 37·75 kmph

67. Four wires of same material and different dimensions are stret-ched under the equal weight, which one will suffer greater elongation ? The dimensions are given below—
    (A) Length 100 cm, diameter 1 mm
    (B) Length 200 cm, diameter 2 mm
    (C) Length 300 cm, diameter 3 mm
    (D) Length 400 cm, diameter 0·5 mm

68. One of these substances contains no oxygen. Which one ?
    (A) bauxite
    (B) cryolite
    (C) dolomite
    (D) epsom salt

69. The number of cranial nerves is (human being)—
    (A) 12 nerves
    (B) 12 pairs of nerves
    (C) 31 nerves
    (D) 31 pairs of nerves

70. Two pipes A and B can fill a tank separately in 16 minutes and 24 minutes respectively. By opening 2 pipes together, after how much

time, the pipe A should be closed so that tank can be filled in 12 minutes altogether ?

(A) 4 minute    (B) 5 minute
(C) 6 minute    (D) 8 minute

71. The least number between 300 and 400 which when divided by 6, 9 and 15 leaves a remainder 3 in each case, is—

(A) 360    (B) 357
(C) 363    (D) 343

72. If $\frac{2}{3}$rd of A = 75% of B = 1·5 of C, find A : B : C—

(A) 9 : 8 : 5    (B) 18 : 16 : 11
(C) 9 : 8 : 4    (D) 18 : 16 : 15

73. The least integer by which 3969 be multiplied to make it a perfect cube is—

(A) 21    (B) 7
(C) 63    (D) 9

74. Buddha was born in—

(A) 523 BC    (B) 563 BC
(C) 623 BC    (D) 602 BC

75. Which metal ion will give a chocolate precipitate with the reagent potassium ferrocyanide ?

(A) $Fe^{3+}$    (B) $Zn^{2+}$
(C) $Cu^{2+}$    (D) $Al^{3+}$

76. The partial root parasite is—

(A) Bamboo plant
(B) Chandan plant
(C) Fungus
(D) Cycas

77. The enzyme present in saliva—

(A) Erepsin
(B) Chymotrypsin
(C) Ptyaline
(D) Trypsin

78. A starts from a place P to go to a place Q; at the same time B starts from Q to P. After meeting they arrive at their destinations in 4 and 9 hours respectively. The ratio of the speed of A to that of B is—

(A) 4 : 9    (B) 9 : 4
(C) 2 : 3    (D) 3 : 2

79. Today is Barun's birthday. After 1 year, he will be twice as old as he was 12 years ago. How old is Barun today ?

(A) 20 years    (B) 22 years
(C) 25 years    (D) 27 years

80. 3 bells ring together. After that they began to ring at an interval of 1·2 min, 1·6 min and 2·7 min interval. Find the number of times the first bell will ring from beginning to the time when they ring once again together.

(A) 36    (B) 16
(C) 18    (D) 32

81. Who is the author of the book : 'Such a Long Journey' ?

(A) Khuswant Singh
(B) Salman Rushdie
(C) Amitav Ghosh
(D) Rohinton Mistry

82. The Government of India proposes to establish the Jaitapur Nuclear Power Project in which State ?

(A) Maharashtra
(B) Chhattisgarh
(C) Madhya Pradesh
(D) Jharkhand

83. What is a Jainsem ?

(A) An Assamese dress
(B) The ethnic dress of Meghalaya women
(C) The ethnic dress of Mizo women
(D) The ethnic dress of Manipuri women

84. The Chief Justice of India is—

(A) Heptullah
(B) Krishnan
(C) Balakrishnan
(D) None of the above

85. 'Touch me not' plant shows—

(A) Nyctinasty
(B) Photonasty
(C) Geonasty
(D) Scismonasty

86. Which country conferred citizenship to the Indian artist late M. F. Hussain on February 25, 2010 ?

(A) United Arab Emirates
(B) Iran
(C) Qatar
(D) Saudi Arabia

87. Who among the following is the Lokayukta of the State of Karnataka ?

(A) Janardhan Reddy
(B) Ramkrishna Hegde
(C) Sanjiva Reddy
(D) None of the above

88. The Siachen Glacier is situated in which mountain range ?

(A) The Himalayan range
(B) The Pamir range
(C) The Karakoram range
(D) The Pir Panjal range

89. Who won the Men's final in Wimbledon Tennis Championship in 2011 ?

(A) Roger Federer
(B) Novak Djokovic
(C) Rafael Nadal
(D) None of the above

90. If 10 men or 15 women can complete a work in 12 days, then 6 men and 11 women will complete the same work in—

(A) 9 days    (B) 12 days
(C) 8 days    (D) 15 days

91. A train takes 18 seconds to pass completely through a station 165 metre long and 15 seconds to pass completely through another station 120 metre long. The speed of the train is—

(A) 45 km/hr    (B) 54 km/hr
(C) 30 km/hr    (D) 60 km/hr

92. On June 30, 2010, the Kerala Government decided to set up a tribunal to assess actual compensation to victims of the activities of which company in the village of Plachimada ?

(A) Pepsi
(B) Coca Cola
(C) Hindustan Aeronautics Limited
(D) Reliance Industries Limited

93. Who is the founder of the Wikileaks ?

(A) Barack Obama
(B) David Cameron
(C) General Pervez Musharraf
(D) Julian Assange

94. Wagah border check point is located in—

(A) Indo-Pak border
(B) Indo-Nepal border
(C) Indo-Bangladesh border
(D) Indo-Sri Lankan maritime border

95. Viswanathan Anand, the reigning world champion in Chess successfully defended his title last year (2010) against whom ?

(A) Boris Gelfand
(B) Veselin Topalov
(C) Vladimir Kramnik
(D) Gary Kasparov

96. The number, the square of which is the difference between the squares of 53.04 and 48.96 is—
(A) 20·4          (B) 24·00
(C) $\sqrt{24}$          (D) 15·36

97. The disease caused in hypoaction of thyroid grand.
(A) Myxaedaema
(B) Graves' disease
(C) Exopthalmic goitre
(D) Goitre

98. An acid in concentrated form does not give brown fumes with copper turnings and when dilute gives a curdy white precipitate with silver nitrate solution and the precipitate is soluble in ammonia solution, but insoluble in nitric acid. The acid is—
(A) Nitric acid
(B) Hydrochloric acid
(C) Sulphuric acid
(D) Phosphoric acid

99. The average of 7 consecutive even numbers is 36. Then sum of second and sixth number is—
(A) 74          (B) 72
(C) 76          (D) 78

100. The hormone responsible for the production of seedless fruit—
(A) Gibberalline
(B) Auxin
(C) Ethylene
(D) Cytokinine