SECTION - I
ENGLISH

1. 994×1006 is equal to :
   (A) 999664   (B) 999644   (C) 996644   (D) 999964

2. Who was the founder of Satvahana dynasty ?
   (A) Hala   (B) Yagnasari
   (C) Simuka   (D) None of the above

3. Pope Francis the current pope of the Catholic Church was born in which country :
   (A) Italy   (B) Mexico   (C) Spain   (D) Argentina

4. Which of the following are the only mammals that possess nucleated red blood corpuscles ?
   (1) Camel
   (2) Llama
   (3) Man
   (4) Dog
   (A) (1) and (2)   (B) (2) and (3)   (C) (3) and (4)   (D) (1) and (4)

5. The llbert Bill Controversy during Lord Lytton's time related to the concepts of :
   (A) Economic Equality   (B) Revenue allocation
   (C) Political Representation   (D) Judicial Equality

6. The wrongly matched pair is :
   (A) Khartoum - Sudan   (B) Rotterdam - Austria
   (C) Warsaw - Poland   (D) Dublin - Ireland

7. Gaddi Shephards (Pastoral nomads) belong to which one of the following state ?
   (A) Arunachal Pradesh   (B) Himachal Pradesh
   (C) Uttrakhand   (D) Rajasthan

8. The instrument used for finding out wind direction is :
   (A) Hygrometer   (B) Anemometer   (C) Wind gauze   (D) Wind vane

9. If INDUS is coded as 03865 and TENNIS is coded as 243305 then STUDENT is coded as :
   (A) 5268432   (B) 5642832   (C) 5628342   (D) 5648324

10. In National Film Awards 2013, the award for Best Supporting Actor was conferred on :
    (A) Annu Kapoor for Vicky Donor
    (B) Usha Jadhav for Marathi film Dhag
    (C) Rituparno ghosh for Chitrangada
    (D) Virendra Pratap for Dekh Indian Circus

11. Which among the following is the oldest University established in modern India ?
    (A) University of Calcutta   (B) Delhi University
    (C) Allahabad University   (D) Banaras Hindu University

12. Mosquito : Malaria; Water : Cholera; Rat : ?
    (A) Disease   (B) Plague
    (C) Death   (D) None of the above

13. Which of the following state has the maximum urban population as per the final data of Census 2011 ?
    (A) Gujarat   (B) Karnataka   (C) Maharashtra   (D) Tamil Nadu

14. Birds get thrust (forward motion) and lift (upward motion) from :
    (A) air sacs
    (B) flapping of wings
    (C) twisting of feathers
    (D) shape of wings which is similar to aeroplane blades

15. The sum of two numbers is 45 and their ratio is 7 : 8. The two numbers are :

    (A) 20, 25   (B) 21, 24
    (C) 22, 23   (D) None of the above

16. Which India born physicist invented the 'Optical Fibre' ?
    (A) C.V. Raman   (B) Satyendra Nath Bose
    (C) Homi J. Bhabha   (D) Narinder Singh Kapany

17. Who was the First Chairman of the Planning Commission of India ?
    (A) Lal Bahadur Shastri   (B) Maulana Abul Kalam Azad
    (C) Jawahar lal Nehru   (D) Vallabhbhai Patel

18. The square of 349 is :
    (A) 122801   (B) 122881
    (C) 121801   (D) None of the above

19. What is the Freezing point of water ?
    (A) 212°F   (B) 100°F   (C) 180°F   (D) 32°F

20. If $25 \times 32 = 800$ then $2.5 \times .32 = $?
    (A) .800   (B) 8.00   (C) 80.0   (D) .080

21. Which one of the following categories of forests is considered as the best on the basis of their utility ?
    (A) Reserved forests   (B) Protected forests
    (C) Village forests   (D) Community forests

22. The mammal which lays eggs is :
    (A) Bat   (B) Squirrel
    (C) Kangaroo   (D) Duckbilled Platypus

23. Friction can be reduced by changing from
    (A) Rolling to sliding   (B) Sliding to rolling
    (C) Potential energy to kinetic energy   (D) Dynamic to static

24. Which country reached an agreement with Kosovo to overcome its ethnic enmities ?
    (A) Serbia   (B) Croatia
    (C) Macedonia   (D) None of the above

25. The Bhopal disaster of 1984 was the result of :
    (A) Nuclear accident   (B) Biological accident
    (C) Chemical accident   (D) Railway accident

26. Which country won the Asia Cup Hockey 2013 ?
    (A) India   (B) Pakistan   (C) South Korea   (D) Japan

27. Kovvada Nuclear Power Plant which was recently in news is being set up in :
    (A) Karnataka   (B) Andhra Pradesh
    (C) Chattisgarh   (D) None of the above

Google is a :
    (A) Virus programme   (B) Search Engine
    (C) Gaming Station   (D) Hardware

29. Who won the Men's Singles title in French open 2013 ?
    (A) David ferrer
    (B) Roger Federer
    (C) Rafael Nadal
    (D) J. Martin Del Potro

30. Escape velocity of a rocket fired from the earth towards the moon is a velocity to get rid of the :
    (A) Earth's gravitational pull
    (B) Moon's gravitational pull
    (C) Centripetal force due to the earth's rotation
    (D) Atmospheric pressure

31. Which one of the following is the primary source of energy in India ?
    (A) Hydro Power   (B) Natural Gas   (C) Coal   (D) Naptha

32. DRDL stands for :
    (A) Defence Research and Development Laboratory
    (B) Department of Research and Development Laboratory
    (C) Differential Research and Documentation Laboratory
    (D) None of the above

33. What is the three digit number which is 2 more than a perfect square and 2 less than a perfect cube ?
    (A) 627
    (B) 402
    (C) 123
    (D) None of the above

34. pH value of pure water is :
    (A) Less than 7   (B) More than 7   (C) Equal to 7   (D) Equal to 0

35. Protium, Deutrium and tritium are all forms of which element ?
    (A) Hydrogen   (B) Helium   (C) Iron   (D) Carbon

36. If BEFORE is coded as FEBERO then JUNGLE is coded as :
    (A) NUJELG   (B) NUEJLG   (C) JELGNU   (D) NUEJGL

37. Tulsidas was a contemporary of :
    (A) Akbar   (B) Jahangr   (C) Shahjahan   (D) Aurangzeb

38. The International Day for Biological Diversity was observed on :
    (A) 4th June
    (B) 22nd May
    (C) 24th April
    (D) None of the above

39. The person who become the first Indian to Circumnavigate Globe Solo and non - stop or sail boat :
    (A) Hari Ram Kumar
    (B) Lt. Cdr. Abhilash Tomy
    (C) Lt. Ramadose
    (D) None of the above

40. Which of the following number is not a perfect cube ?
    (A) 64
    (B) 216
    (C) 243
    (D) 1728

41. The combination of which of the following soils is best for plant growth :
    (A) Clay, sand and gravel
    (B) Humus, clay and gravel
    (C) Sand, humus and gravel
    (D) Humus, sand and clay

42. If $3/5^{th}$ of a cistern is filled in 1 minute, how much more time will be required to fill the r of it ?
    (A) 40 sec
    (B) 30 sec
    (C) 36 sec
    (D) 24 sec

43. On Equinoxes which of the following occurs ?
    (A) The days are longer and nights are shorter
    (B) The nights are longer and days are shorter
    (C) Days and nights are of almost equal duration
    (D) None of the above

44. Which of the following trees were promoted for building ships or railways ?
    (A) Firs and Pines
    (B) Bushes and Creepers
    (C) Teak and Sal
    (D) Shisham and Acacia

45. The difference between the compound interest and simple interest on a sum of money at rate of 10% per anum for 2 years is Rs 50. The Principal amount is :
    (A) Rs 5500
    (B) Rs 5000
    (C) Rs 4000
    (D) None of the above

46. Which of the following plays an important role in the cause of rainfall ?
    (A) Evaporation
    (B) Condensation
    (C) Both evaporation and condensation
    (D) Filtration

47. Gandhiji went to England in 1931 to attend the :
    (A) First Round Table Conference
    (B) Second Round Table Conference
    (C) Third Round Table Conference
    (D) ·None of the above

48. A boatman goes 2 km against the current of the stream in 1 hour and goes 1 km along the current in 10 minutes. How long will it take to go 5 km in stationary water ?
    (A) 40 mins   (B) 1 hour   (C) 1 hour 15 mins (D) 1 hour 30 mins

49. Australia won Sultan Azlan Shah Hockey Tournament 2013 for the :
    (A) Seventh time   (B) Sixth time   (C) Fifth time   (D) Fourth time

50. The Third Battle of Panipat was fought between :
    (A) Marathas and the East India Company
    (B) Ahmad Shah Abdali and the Sikhs
    (C) Ahmad Shah Abdali and the Marathas
    (D) Ahmad Shah Abdali and the Mughals

51. The language used for standard zoological nomenclature is :
    (A) Latin   (B) French   (C) Spanish   (D) Greek

52. Who has won the Golden Ball in Champions Trophy 2013 ?
    (A) Shikhar Dhawan   (B) Virat Kohli
    (C) Ravindra Jadeja   (D) Suresh Raina

53. Arrange 2/3; 4/5; 1/2; 3/4 in descending order :
    (A) 4/5 > 2/3 > 1/2 > 3/4   (B) 1/2 > 2/3 > 4/5 > 3/4
    (C) 3/4 > 1/2 > 4/5 >2/3   (D) 4/5 > 3/4 > 2/3 > 1/2

54. The largest living bird is :
    (A) duck   (B) dodo   (C) ostrich   (D) peacock

55. Who is Julian Assange ?
    (A) Founder of Google   (B) Founder of Microsoft
    (C) Founder, Wikileaks   (D) None of the above

56. Which one of the following is a violation of the right to life or personal liberty ?
    (A) The arrested person is informed about the reason of his arrest.
    (B) He is produced before the court within 24 hours of his arrest.
    (C) He is not allowed to consult his lawyer.
    (D) He is shown the warrant before arrest.

57. Find the number which is as much greater than 84 as it is less than 108 :
    (A) 92   (B) 94   (C) 96   (D) 98

58. 'Anandmath', 'Durgeshnondini' and 'Kapalkundala' novels were authored by which Bengali writer ?
    (A) Rabindranath Tagore   (B) Sharat Chandra Chatterjee
    (C) Bankim Chandra Chatterjee   (D) Bibhuti Bhushan Bandopadhyay

59. A man pays off 3/20th of his debt every month. At the end of 6 months his balance debt is Rs 290. How much debt (in Rupees) has he cleared off every month ?
    (A) 500   (B) 450   (C) 435   (D) 400

60. Which one of the following type of forests is found in the Ganga - Bramaputra Delta ?
    (A) Thorny forests   (B) Montane forests
    (C) Mangrove forests   (D) Tropical Rain forests

61. The SI unit of Force is
    (A) Joule   (B) Newton
    (C) Dyne   (D) None of the above

62. Estimates of National Income in India are prepared by :
    (A) Planning Commission   (B) Ministry of Finance
    (C) Reserve Bank of India   (D) Central Statistical Organization

63. Secularism in the Indian context means that :
    (A) Citizens are not discriminated on account of religion
    (B) Religion is regarded as a private affair of a citizen
    (C) Neither (A) nor (B)
    (D) Both (A) and (B)

64. Madurai was the capital of the :
    (A) Cholas   (B) Cheras   (C) Rashtrakutas   (D) Pandyas

If 'Driver' = 12
    'Pedestrian' = 20
    'Accident = 16
    Then 'Car' = ?

(A) 3   (B) 6   (C) 9   (D) 18

66. Which one of following communities is an African community ?

(A) Gollas   (B) Kurumas   (C) Rai kas   (D) Masai

67. The edges of a cuboid are in the ratio $1 : 2 : 3$ and its surface area is 88 cm^2. The volume o the cuboid is :

(A) 24 cm^3 (B) 48 cm^3 (C) 64 cm^3 (D) 120 cm^3

68. Which dynasty ruled Golconda from 1512 to 1681 ?

(A) Adil Shahi dynasty   (B) Qutub Shahi dynasty

(C) Ahmad Shahi dynasty   (D) None of the above

69. Which Wildlife Sanctuary was declared as the First National Park in India ?

(A) Kaziranga National Park   (B) Gir National Park

(C) Nanda Devi National Park   (D) Jim Corbett National Park

70. Which of the following country is NOT a member of BASIC ?

(A) India   (B) Indonesia   (C) Brazil   (D) South Africa

71. Saka Era was founded by :

(A) Pulakesin - II   (B) Kanishka   (C) Harsha   (D) Vikramaditya

72. The blood sucking organisms are :

(A) Hookworms   (B) Earth worms

(C) Leeches   (D) None of the above

73. Vijay Kumar bagged Silver medal in Olympics 2012 in which event ?

(A) 10 meter Rapid fire pistol   (B) 25 meter Rapid fire pistol

(C) trap shooting   (D) none of the above

74. Rani Rudrama Devi belonged to which dynasty :

(A) Satvahanas   (B) Chalukyas

(C) Kakatiya   (D) None of the above

75. Which Mughal emperor built the Red Fort in Delhi ?
   (A) Babur   (B) Humanyun   (C) Akbar   (D) Shahjahan

76. The salaries and allowances of Union Ministers are determined by the
   (A) Council of Ministers   (B) President of India
   (C) Parliament   (D) Prime Minister of India

77. The concept of welfare state is included in the constitution of India in the :
   (A) Fundamental Rights   (B) Fundamental duties
   (C) Preamble   (D) Directive Principles

78. Who won the Rajiv Gandhi Sadhbhavna Award for his contribution towards promotion of communal harmony and peace in July 2013 ?
   (A) Amjad Ali Khan   (B) Zubin Mehta
   (C) Pt. Ravi Shankar   (D) None of the above

79. The average of 0.3, 3, 0.03 and 0.002 is :
   (A) 833   (B) 83.3   (C) 0.803   (D) 0.833

80. Which of these elements is not a Noble gas ?
   (A) Neon   (B) Bromine   (C) Helium   (D) Krypton

81. Which part of the computer does the arithmetical calculations ?
   (A) Memory   (B) Keyboard   (C) CPU   (D) ALU

82. The first discourse of Buddha at Deer Park in Sarnath is called :
   (A) Mahabhinishkraman   (B) Mahamastabhisheka
   (C) Mahaparinirvan   (D) Mahadharma Chakra Pravartan

83. Yasin merchant is associated with which sports :
   (A) golf   (B) snooker
   (C) swimming   (D) none of the above

84. The western education was introduced in India by :
   (A) Lord Curzon   (B) Lord Hastings   (C) Lord Wellesley   (D) Lord Bentick

85. The square root of 7744 is :
   (A) 98   (B) 92   (C) 88   (D) 82

86. What does CFSL stand for ?
    (A) Central Forest Search Laboratory
    (B) Central Forensic Science Laboratory
    (C) Central Forensic and Security Laboratory
    (D) None of the above

87. Find the Odd one out :
    (A) 169   (B) 121   (C) 181   (D) 144

88. Who was the first Indian ruler to accept Subsidiary Alliance offered by Lord Wellesley in 1798 ?
    (A) Scindias of Gwalior   (B) Nawab of Awadh
    (C) Gaekwads of Baroda   (D) Nizams of Hyderabad

89. Which Indian state is the largest producer in the world of the golden coloured 'Muga' silk ?
    (A) Assam   (B) Orissa   (C) West Bengal   (D) Karnataka

90. Free surface of a liquid behaves like a sheet and tends to contract to the smallest possible area due to the :
    (A) Force of adhesion   (B) Force of friction
    (C) Centrifugal force   (D) Force of cohesion

91. Which of the following statements is against the democratic process of elections ?
    (A) Parties and candidates should be free to contest elections.
    (B) Elections must be held regularly immediately after the term is over.
    (C) The right to vote should be given to the selected people only.
    (D) Elections should be conducted in a free and fair manner.

92. The main occupation of Palaeolithic (Old Stone Age) people was :
    (A) Animal Husbandry   (B) Hunting
    (C) Agriculture   (D) Fishing

93. Vitamin C is also known as :
    (A) Citric acid   (B) Ascorbic acid   (C) Carbonic   (D) Folic acid

94. In a school 10% of the boys are same in number as $1/4^{th}$ of the girls. What is the ratio of boys to girls in the school ?
    (A) 3 : 2   (B) 5 : 2   (C) 5 : 3   (D) 4 : 1

95. Article 340 of the Indian Constitution deals with :
    (A) Finance Commission
    (B) Backward Classes Commission
    (C) Union Public Service Commission
    (D) Election Commission

96. The pioneer of the Bhakti movement in India was :
    (A) Kabir
    (B) Shankaracharya
    (C) Ramanuja
    (D) None of the above

97. The market regulations in India were introduced by :
    (A) Balban
    (B) Sher Shah Suri
    (C) Akbar
    (D) Allauddin Khilji

98. For galvanizing iron which of the following metals is used ?
    (A) Zinc
    (B) Copper
    (C) Aluminium
    (D) Lead

99. A wheel travels a distance of 22 km in 2500 revolutions. What is the diameter of the wheel ?
    (A) 1.4 m
    (B) 2.8 m
    (C) 5.6 m
    (D) None of the above

100. The remains of Vijaynagar Empire can be found in :
    (A) Golconda
    (B) Hampi
    (C) Bijapur
    (D) None of the above