All questions are compulsory. Each question carries one mark. Please mark the most appropriate answer in OMR Sheet by darkening the appropriate circle in blue/ black ball point pen only. Do not use eraser/ whitener. There is no negative marking.

1. The flight had taken off before I _____ the airport

   a. reach
   b. reached
   c. was reaching
   d. reaches

2. In an equilateral triangle:

   a. all sides are equal
   b. all angles are equal
   c. both a & b are correct
   d. both a & b are incorrect

3. Which one of the following gases is given out during photosynthesis?

   a. Carbon dioxide
   b. Nitrogen
   c. Hydrogen
   d. Oxygen

4. A man is walking at a speed of 9 kms/hr. After every km, he takes rest for 9 mins. How much time will he take to cover 27 kms?

   a. 6 hrs
   b. 6 hrs 45 mins
   c. 6 hrs 54 mins
   d. 6 hrs 35 mins

5. If in a class of 37 students standing in a straight line, the place of Radha and Sita are 10th and 16th respectively, what are their places from the last?

   a. 28th and 22nd
   b. 27th and 21st
   c. 28th and 20th
   d. 27th and 22nd

6. Who was the chief guest for the Republic Day Celebrations in New Delhi on 26th January 2016?

   a. Mr. Francois Hollande
   b. Mr. Barack Obama
   c. Mr. Shinzo Abe
   d. Ms Angela Merkel

7. Telengana was carved out of which state?

    a. Andhra Pradesh
    b. Bihar
    c. Karnataka
    d. Tamil Nadu

8. A box contains 7 red balls, 8 green balls and 5 blue balls. When one ball is randomly drawn from the box, probability of its being a blue ball will be:

    a. 1/2
    b. 1/3
    c. 1/4
    d. 1/5

9. The United Nations Security Council has ____ Permanent members

    a. 3
    b. 5
    c. 7
    d. 15

10. Which of the following state in India does not have a sea coast?

    a. Maharashtra
    b. Gujarat
    c. Karnataka
    d. Jharkhand

11. Dronacharya Award is given to:

    a. Scientists
    b. Movie Actors and actresses
    c. Sports Coaches
    d. Sportspersons

12. Which of the following is the largest planet of the solar system?

    a. Saturn
    b. Uranus
    c. Neptune
    d. Jupiter

13. Professor Amartya Sen is famous in which of the fields:

    a. Biochemistry
    b. Electronics
    c. Economics
    d. Geology

14. The first Home Minister of Independent India was

    a. Jagjivan Ram
    b. Sardar Vallabhbhai Patel
    c. Maulana Abdul Kalam Azad
    d. Pandit Govind Ballabh Pant

15. Dandi March is associated with:

    a. Home Rule Movement
    b. Non cooperation Movement
    c. Civil Disobedience Movement
    d. Quit India Movement

16. The number of Lok Sabha seats from Jammu & Kashmir State is:

    a. 4
    b. 5
    c. 6
    d. 7

17. Ms. J. Jayalalitha is Chief Minister of which State?

    a. Kerala
    b. Karnataka
    c. Tamil Nadu
    d. Andhra Pradesh

18. Which of the following word does not figure in the Preamble of the Indian Constitution:

    a. Sovereign
    b. Democratic
    c. Socialist
    d. Welfare

19. On a vertical pole, a monkey climbs 30 feet in one hour and then rests for a while during which he slips down 20 feet. He again starts climbing and slips back in the same manner. If he begins his ascent at 8 am, at what time will he first touch a flag on the pole at 120 feet from the ground?

    a. 4 pm
    b. 5 pm
    c. 6 pm
    d. 7 pm

20. Unit of inheritance is called

    a. Nucleus
    b. Gene
    c. Cell
    d. Tissue

21. The host city for the 31st Summer Olympic Games scheduled from August 05-21, 2016 is:

    a. Rio-de-Janerio
    b. Chicago
    c. Moscow
    d. Manila

22. I prefer tea ____ coffee

    a. to
    b. on
    c. than
    d. over

23. Introducing a man, Shefali said, "He is the only son of the mother of my mother." How is Shefali related to the man?

    a. Mother
    b. Sister
    c. Niece
    d. Maternal Aunt

24. 1st May is observed as :

    a. UN Day
    b. World AIDS Day
    c. World Literacy Day
    d. International Labour Day

25. Pashmina wool is obtained from:

    a. Sheep
    b. Yak
    c. Goat
    d. Camel

26. A bus for Delhi leaves every thirty minutes from a bus stand. An enquiry clerk told a passenger that the bus had already left ten minutes ago and the next bus will leave at 9:35 am. At what time did the enquiry clerk give this information to the passenger?

    a. 9:15 am
    b. 9:08 am
    c. 8:55 am
    d. 9:10 am

27. What is the missing term in the following series: 11, 12, 17, 18, 23, 24, ___

    a. 27
    b. 29
    c. 30
    d. 35

28. Choose the correct alternative Car: Garage as Aeroplane:

    a. Port
    b. Depot
    c. Hangar
    d. Harbour

29. Malik is fourteen from right end in a row of 40 boys. What is his position from the left end?

    a. 27th

    b. 26th

    c. 25th

    d. 24th

30. What is the product of all the numbers in the dial of a telephone?

    a. 362880

    b. 388620

    c. 366820

    d. 0

31. Choose the correctly spelt word:

    a. Exemple

    b. Example

    c. Exampel

    d. Exampal

32. In a right angle triangle, one angle is 15°, the other angle can be

    a. 15°

    b. 75°

    c. 115°

    d. 65°

33. Find the right alternative in the given series: BEG, DGI, FIK, HKM, ___

    a. JMO

    b. KMO

    c. JML

    d. JNP

34. The personality not connected with 1857 mutiny is:

    a. Tantia Tope

    b. Lakshmibai

    c. Subhas Chandra Bose

    d. Mangal Pandey

35. Who is associated with "White Revolution"

    a. M.S. Swaminathan

    b. J.P. Narayan

    c. V. Kurien

    d. Baba Amte

36. Vitamin D deficient patient is recommended

    a. Sun bath

    b. Sauna bath

    c. Cold and Hot water bath

    d. Massage

37. Capital of Malaysia is :
    a. Bangkok
    b. Kuala Lumpur
    c. Abu Dhabi
    d. Doha

38. Who gave the slogan-
    "Swaraj is my birthright and I
    shall have it"
    a. Bhagat Singh
    b. Sukhdev
    c. Bal Gangadhar Tilak
    d. Raj Guru

39. Who composed the famous
    song "Sare Jahan se Achha"
    a. Jaidev
    b. Mohammad Iqbal
    c. Bankim Chandra
       Chatterjee
    d. Rabindranath Tagore

40. Bhajan Sopori is associated
    with:
    a. Flute
    b. Shehnai
    c. Santoor
    d. Tabla

41. Find the missing term: ZA,
    YB, XC,_____, VE, UF
    a. WD
    b. DW
    c. UW
    d. WU

42. The most appropriate
    collective noun is : A _____
    of cattle
    a. Herd
    b. Pack
    c. Swarm
    d. Flock

43. In which year was the Quit
    India Movement launched?
    a. 1939
    b. 1940
    c. 1942
    d. 1946

44. Lok Sabha is also called:
    a. Council of States
    b. Upper House
    c. Lower House
    d. None of the above

45. Value of $\tan 45°$ is
    a. 0
    b. infinity
    c. 1
    d. $\sqrt{3}/2$

46. A dice is thrown once. Probability of getting an even number is:

   a. 1/2
   b. 1/3
   c. 1/4
   d. 1/6

47. A circle is drawn inside a square having side as 'a' touching all the four sides of the square. Area of that circle will be

   a. πa^2
   b. $\pi a^2/2$
   c. $\pi a^2/4$
   d. $4\pi a^2$

48. Chemical formula for water is:

   a. HO
   b. H_2O
   c. H_3O
   d. H_2O_2

49. Find what will be the simple interest on the Principal Amount of Rs. 1000/- for 10 months at interest rate of 6% per annum

   a. Rs. 60/-
   b. Rs. 30/-
   c. Rs. 50/-
   d. Rs. 10/-

50. Who was the first woman President of Indian National Congress?

   a. Sarojini Naidu
   b. Annie Besant
   c. Sucheta Kriplani
   d. Aruna Asaf Ali

51. The largest fresh water lake in J&K is

   a. Wullar
   b. Dal
   c. Manasbal
   d. Anchar

52. Rajatarangini, the famous chronology of Kashmir Kings was written by:

   a. Parmanand
   b. Kalhana
   c. Zinda Kaul
   d. Ghulam Ahmad Mahjoor

53. FDI refers to:
    a. Fixed Deposit Interest
    b. Fixed Deposit Investment
    c. Future Derivative Investment
    d. Foreign Direct Investment

54. The boss said, "I shall look _____ the matter"
    a. at
    b. about
    c. in
    d. into

55. Who is known as the Supreme Commander of the Indian Armed Forces?
    a. President of India
    b. Prime Minister of India
    c. Defence Minister of India
    d. Chief of the Army Staff of Indian Army

56. The force involved in falling of an apple from a tree is:
    a. Magnetic Force
    b. Gravitational Force
    c. Contact Force
    d. Electrostatic Force

57. Which one of the following is a natural fibre
    a. Jute
    b. Nylon
    c. Acrylic
    d. Polyester

58. Which of the following won the "Orange Cap" for most runs in IPL 8?
    a. AB de Villers
    b. David Warner
    c. Virat Kohli
    d. Chris Gayle

59. If + means ÷, ÷ means - , - means x , x means + , then 12+6÷3-2x8=
    a. -2
    b. 2
    c. 8
    d. 4

60. How many Revenue districts are there in the State of J&K?
    a. 14
    b. 22
    c. 24
    d. 30

61. A train of 500 meters of length is moving at a speed of 90 kms/ hr. How much time will it take to cross an electric pole located by the side of the railway track.

   a. 10 seconds
   b. 20 seconds
   c. 30 seconds
   d. 40 seconds

62. Which game is Saina Nehwal associated with:

   a. Tennis
   b. Golf
   c. Boxing
   d. Badminton

63. Choose the word **nearest** in meaning to the italicized part: Grandmother has been getting *feeble* of late

   a. tall
   b. weak
   c. strong
   d. small

64. Which of the following latitudes passes through India:

   a. Equator
   b. Tropic of Cancer
   c. Tropic of Capricorn
   d. Arctic Circle

65. What type of mirror is used by motorists to see road behind them?

   a. Convex
   b. Concave
   c. Plain
   d. Concavo-Convex

66. If $x^2+x-12=0$, values of x will be:

   a. -3, 4
   b. 3, -4
   c. -3, -4
   d. 3, 4

67. Find the missing number: 25, 49, 81,___, 169, 225

   a. 100
   b. 121
   c. 144
   d. None of the above

68. Which of the following is a rational number:

   a. $\sqrt{2}$
   b. $\sqrt{3}$
   c. $\sqrt{4}$
   d. $\sqrt{5}$

69. The tenure of a member of Rajya Sabha is:

    a. 3 years
    b. 4 years
    c. 5 years
    d. 6 years

70. "Azad Hind Fauj" is associated with which of the following?

    a. Jawaharlal Nehru
    b. Chandrasekhar Azad
    c. Bhagat Singh
    d. Subhash Chandra Bose

71. Which is the capital of Arunachal Pradesh?

    a. Dispur
    b. Gangtok
    c. Itanagar
    d. Agartala

72. Who is the Chief Justice of the Supreme Court of India?

    a. Justice Tirath Singh Thakur
    b. Justice H.L. Dattu
    c. Justice Dipak Misra
    d. Justice Faqir Mohamed Ibrahim Kalifulla

73. In which country is the famous Wimbledon Tennis Championship played:

    a. England
    b. France
    c. Germany
    d. USA

74. Who amongst the following was called as "Frontier Gandhi"?

    a. Lala Lajpat Rai
    b. Mohd Ali Jinnah
    c. Khudiram Bose
    d. Khan Abdul Gaffar Khan

75. Lack of _____ causes Diabetes

    a. Sugar
    b. Insulin
    c. Calcium
    d. Vitamins

76. Choose the word which is **opposite** in meaning to the italicized word: His book has a short but useful *introduction*

    a. conclusion
    b. end
    c. termination
    d. deduction

77. Ankit started walking towards North. After walking 30 meters, he turned towards left and walked 40 meters. He then turned left and walked 30 meters. He again turned left and walked 50 meters. How far is he from his original position?

    a. 50 meters
    b. 40 meters
    c. 30 meters
    d. 10 meters

78. Which of the following is correct:

    a. $(a-b)(a+b)= a^2-b^2$
    b. $(a+b)^2= a^2+b^2-2ab$
    c. $(a+b)^3= a^3+b^3$
    d. $(a-b)^2= a^2+b^2+2ab$

79. If you write down all the numbers from 1to 100, then how many times do you write 3?

    a. 11
    b. 18
    c. 20
    d. 21

80. What is the currency of Bangladesh called?

    a. Dinar
    b. Rial
    c. Taka
    d. Rupees

81. Which of the following is widely used as an anaesthetic?

    a. Chloroform
    b. Methane
    c. Ammonia
    d. Chlorine

82. Silk is obtained from cocoons and requires_____ trees.

    a. Mulberry
    b. Apple
    c. Eucalyptus
    d. Oak

83. India shares longest international boundary with which of the following country?

    a. Bangladesh
    b. China
    c. Nepal
    d. Bhutan

84. Which British officer was responsible for the Jallianwala bagh massacre?

   a. Maj Sleeman
   b. General Dyer
   c. Sir Arthur Wellesly
   d. Col Manson

85. Loudness of sound is measured in

   a. decibel (dB)
   b. hertz (Hz)
   c. metre (m)
   d. metre/second (m/s)

86. Choose the word with the correct spelling

   a. Vahicle
   b. Vehicle
   c. Vahical
   d. Vehicel

87. Constant efforts to achieve something

   a. Perseverance
   b. Attempt
   c. Enthusiasm
   d. Vigour

88. Who is the Governor of Reserve Bank of India?

   a. Raghuram Rajan
   b. S.S. Mundra
   c. Arun Jaitley
   d. R. P. Watal

89. Which is the most appropriate article to complete the sentence: I want to become ____ MLA

   a. the
   b. an
   c. a
   d. No article

90. And why did the police suspect you? It does not make any _____ to me

   a. truth
   b. reason
   c. point
   d. sense

91. River Nile flows in which country?

   a. Peru
   b. Egypt
   c. Canada
   d. Vietnam

92. Earthquakes are caused by:
    a. Denudation
    b. Earth's Rotation
    c. Movement of Tectonic Plates
    d. Earth's Revolution

93. India is a "Secular" state. It means that the Indian State
    a. favours only selected religions
    b. favours the religion of the majority community
    c. favours the religion of the minority community
    d. favours no particular religion

94. The chemical name of table salt is :
    a. Potassium Chloride
    b. Calcium Chloride
    c. Sodium Chloride
    d. Magnesium Sulphate

95. If in a certain code CAT is written as DBU then DOG will be written as:
    a. EOH
    b. DHP
    c. EPH
    d. HPE

96. Which of the following gases is primarily responsible for global warming:
    a. Nitrogen
    b. Noble gases
    c. Sulphates
    d. Carbon dioxide

97. Volume of a cylinder of base with radius 'r' and height 'h' is
    a. $1/3\pi r^2 h$
    b. $2/3\ \pi r^2 h$
    c. $4/3\ \pi r^2 h$
    d. $\pi r^2 h$

98. The minimum voting age in India is:
    a. 16 years
    b. 18 years
    c. 21 years
    d. 24 years

99. Today is Friday. The day after 63 days will be :
    a. Friday
    b. Thursday
    c. Saturday
    d. Monday

100. A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly?

   a. 32
   b. 16
   c. 18
   d. 24

Space for Rough Work

Space for Rough Work