046/2018

Question Booklet

Alpha Code

| A |

Question Booklet
Serial Number

Total Number of Questions : 100   **Time** : 75 Minutes

Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A, B, C** & **D**.

2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.

3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.

4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.

5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.

6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.

7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.

8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.

9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**

10. Each question is provided with four choices **(A), (B), (C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.

11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**

12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.

13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

1. Name the programme introduced by Government of Kerala for differentially abled persons for rehabilitation in 2017.
   A) Kaithang   B) Athijeevanam   C) Kaivalya   D) Ardram

2. The Japanese writer who gets Noble prize for literature ?
   A) Yokio Mishima   B) Sawako Ariyoshi
   C) Kisho Kurokawa   D) Kazuolshiguro

3. Which among the following is known as first political drama of Malayalam ?
   A) Pattabakki   B) Koottukrishi
   C) Mooladhanam   D) Ningalenne Communistakki

4. In India which one among the following formulates the Fiscal Policy ?
   A) R.B.I.   B) Ministry of Finance
   C) Planning Commission   D) Finance Commission

5. Name the Indian state formed on 1st December 1963.
   A) Sikkim   B) Arunachal Pradesh
   C) Nagaland   D) Manipur

6. The day on which Right to Information Act came into force on is
   A) 12th October 2005   B) 15th August 2005
   C) 10th January 2005   D) 26th January 2005

7. 'Palaruvi Express' travels between
   A) Punaloor – Trivandrum   B) Punaloor – Palakkad
   C) Punaloor – Shornur   D) Punaloor – Kollam

8. Name the socio-reformer who led Thali Road Samaram.
   A) T. K. Madhavan   B) Vakbhatananda
   C) T. V. Krishnan   D) C. Krishnan

9. 'International Day of Non-violence' is observes on
   A) 30th January   B) 6th August   C) 2nd October   D) 16th November

10. Name the film which gets Suvarna Chakoram for the best film in IFFK 2017.
    A) Candelaria   B) Wajib
    C) Malila   D) I still hide to smoke

11. The book 'Manninu Vendi' was written by
    A) A. K. Gopalan   B) K. Thayatt
    C) K. Madhavan   D) Cherukadu

12. Which was the opponent team of India in their 500th test cricket match ?
    A) Australia   B) England
    C) South Africa   D) New Zealand

13. Who among the following is known as 'Martin Luther of India' ?
    A) Vivekananda   B) Dayananda Saraswati
    C) Rajaram Mohan Rai   D) Tagore

14. _____ of Indian Constitution provides right against exploitation.
    A) Article 25   B) Article 26   C) Article 23   D) Article 52

15. Which atomic power station in India is built completely indigenously ?
    A) Tarapore   B) Narora   C) Rawat Bhata   D) Kalpakkam

16. Which among the following is not included in the list of classical languages in India ?
    A) Hindi   B) Malayalam   C) Odiya   D) Telugu

17. Who is the winner of Harivarasanam Puraskaram in 2017 ?
    A) K. S. Chithra   B) M. G. Sreekumar
    C) Gangai Amaran   D) P. Unnikrishnan

18. Which among the following was the movement founded by Ayyathan Gopalan ?
    A) Kalyanadayini Sabha   B) Suguna Vardhini
    C) Sanathana Vidyarthi Sangham   D) Arya Samajam

19. Who was the first woman minister of Foreign affairs in India ?
    A) Sushma Swaraj   B) Margaratt Alwa
    C) Vijayalakshmi Pandit   D) Indira Gandhi

20. Which leader is known as 'Prince of Patriots' ?
    A) Bhagat Singh   B) Subhas Chandra Bose
    C) Chandrasekhar Azad   D) Uddam Singh

A   -4-

21. The scientist who arranged the elements, in their increasing order of atomic weight is
    A) Mendeleev
    B) Dalton
    C) Avogadro
    D) Mendel

22. In which of the following condition does the evaporation of water takes place ?
    A) Only at 100°C
    B) Only above 100°C
    C) At all temperatures
    D) Only below 100°C

23. Which glass is used for making lenses and prisms ?
    A) Hard glass
    B) Flint glass
    C) Soda glass
    D) Borosilicate glass

24. Which reducing agent is used for the extraction of highly reactive metal from their ores ?
    A) CO_2
    B) CO
    C) Electricity
    D) Carbon

25. Which among the following fuels given has the highest calorific value ?
    A) Petrol   B) Carbon   C) Ethanol   D) Hydrogen

26. Electrons revolve around the nucleus in a fixed path called orbits. This concept related to
    A) Rutherford
    B) J.J. Thomson
    C) Dalton
    D) Niels Bohr

27. What is the colour that comes to the base of the prism if composite yellow light is passed through it ?
    A) red   B) green   C) blue   D) violet

28. A very large force acting for a very short time is known as
    A) Impulsive force
    B) Momentum
    C) Inertia
    D) Cohesive force

29. Choose the odd one.
    A) running train
    B) water in a dam
    C) stretched rubber band
    D) flower pot on the sunshade

30. Sound waves have high velocity in
    A) liquids   B) gases   C) solids   D) vacuum

31. Which of the following is a viral disease ?
    A) Typhoid   B) Malaria   C) Filariasis   D) Dengue fever

32. Find the odd one.
    A) Vitamin A   B) Vitamin C   C) Vitamin D   D) Vitamin E

33. The plasma protein necessary for blood clotting
    A) Albumin   B) Globulin
    C) Fibrinogen   D) Haemoglobin

34. Among the following which is not a vegetative reproduction method ?
    A) Budding   B) Hybridisation
    C) Grafting   D) Tissue culture

35. Which of the following is a major component of the Vaccine for Tetanus ?
    A) Killed germs   B) Neutralised germs
    C) Neutralised toxins   D) Active germs

36. Name the blood vessel that supply blood to the muscles of the heart.
    A) Pulmonary artery   B) Coronary artery
    C) Pulmonary vein   D) Coronary vein

37. Goitre is caused by the deficiency of
    A) Iron   B) Calcium   C) Potassium   D) Iodine

38. Which of the following is a hybrid variety of Tomato ?
    A) Akshaya   B) Annapoorna   C) Anamika   D) Anugraha

39. The flowershow 'Poopoli' is organised by
    A) Indian Institute of Spices Research – Kozhikode
    B) Rubber Research Institute of India – Kottayam
    C) Regional Agricultural Research Station – Ambalavayal
    D) Kerala Agricultural University – Mannuthi

40. Antibiotics are used to resist
    A) Bacterial disease   B) Viral disease
    C) Fungal disease   D) Protozoal disease

41. If $a = \dfrac{1}{3}$ and $b = \dfrac{1}{5}$, then the value of $\dfrac{a+b}{ab}$ is

   A) 8/15
   B) 8
   C) 1/8
   D) 2

42. If $4^P = 8^6$, then P is

   A) 6   B) 9
   C) 4   D) 2

43. If 70% of the students in a school are Girls and the number of Boys is 504, then the number of Girls is

   A) 1176   B) 1680
   C) 1512   D) 504

44. A can finish a work in 20 days. A and B together can finish the work in 12 days. Then B alone can finish the work in

   A) 24 days   B) 28 days
   C) 25 days   D) 30 days

45. If the average of 13, 15 and a is 16. Then a is

   A) 4   B) 20
   C) 18   D) 16

46. The perimeter of a square is 24, then its diagonal is of length

   A) $5\sqrt{2}$ B) $\sqrt{2}$
   C) $6\sqrt{2}$ D) 6

47. What is to be added to 2^{36} to get 2^{37} ?

   A) 2   B) 2^{36}
   C) 2^6 D) 2^{37}

A

48. The average age of 50 pupils in a class is 10.5. If the class teacher is included, the average increases by 5. Then the age of the class teacher is

    A) 37   B) 36

    C) 38   D) 40

49. If the nth term of an AP is 2n+1. Then the sum of the first three terms is

    A) 15   B) 12

    C) 21   D) 8

50. The fractional form of $\dfrac{1}{2}$ of 1% is

    A) $\dfrac{1}{100}$

    B) $\dfrac{1}{200}$

    C) $\dfrac{1}{50}$

    D) $\dfrac{50}{1}$

51. Which one of the words given below is different from the rest ?

    A) Mango   B) Apple

    C) Ladiesfinger   D) Grapes

52. The angle between minute hand and hour hand of a clock when the clock shows 3 hours and 20 minutes

    A) 120°   B) 100°

    C) 20°   D) 80°

53. The calender for the year 1982 is same as for which year

    A) 1988   B) 1990

    C) 1992   D) 1993

54. Today is Monday. Then day of the week after 75 days is

   A) Tuesday   B) Monday

   C) Sunday   D) Saturday

55. If GUN is coded as HVO, what will IBU stands for ?

   A) CAP   B) RAT

   C) HEN   D) HAT

56. If TOM = 48 and DICK = 27, then HARIS is equal to

   A) 45   B) 55

   C) 50   D) 40

57. Sita's watch shows half past three. If the hour hand point towards East, the minute hand point towards

   A) North   B) East

   C) South East   D) South

58. A and B are brothers, C and D are sisters. A's son is D's brother. How is B related to C ?

   A) Father   B) Brother

   C) Uncle   D) Grandfather

59. My brother is 562 days older to me while my sister is 75 weeks older to him. If my sister was born on Tuesday, on which day was I born ?

   A) Sunday

   B) Thursday

   C) Tuesday

   D) Wednesday

60. GLOVE is to hand as HAT is to

   A) Eyes   B) Head

   C) Hair   D) Cap

61. The baggage _____ really heavy.

    A) are   B) is

    C) have   D) have been

62. The Principal and Chairman _____ the meeting.

    A) have not been attended

    B) has not been attended

    C) have not attended

    D) has not attended

63. The passive form of "They have built a bridge" is

    A) A bridge have been built by them

    B) A bridge has build by them

    C) A bridge has been build by them

    D) A bridge has been built by them

64. More than one _____ playing outside.

    A) boys are   B) boys is

    C) boy is   D) boy are

65. Ram went to Saudi Arabia _____ year ago.

    A) a   B) an

    C) the   D) none of these

66. The boy jumped _____ the pond to take the ball.

    A) on   B) into

    C) across   D) onto

67. Stand up, _____

    A) will you ?   B) won't you ?

    C) have you ?   D) haven't you ?

68. Arun said, "charity begins at home". Report the speech.
    A) Arun said that charity began at home
    B) Arun stated that charity begins at home
    C) Arun was sure that charity began at home
    D) Arun doubted if charity began at home

69. If you helped me,
    A) I will help you
    B) I should have helped you
    C) I would help you
    D) I could help you

70. A flock of sheep _____ grazing in the field.
    A) are   B) is
    C) am   D) being

71. A good deal of time _____ wasted on it.
    A) am   B) is
    C) are   D) been

72. "Babyboom" means
    A) a cradle
    B) a play
    C) increase in birthrate
    D) beginning stage of a project

73. The synonym of "absurd" is
    A) unconscious   B) conscious
    C) foolish   D) sensible

74. Opposite of "affluence" is
    A) confluence   B) ignorance
    C) poverty   D) adventurous

75. I _____ the light.

    A) put in
    B) put aside of
    C) put on
    D) put out

76. The word "Ad-hoc" means

    A) from the beginning
    B) mode of operation
    C) further consideration
    D) for the special purpose of

77. Absence of Government is

    A) anarchy
    B) aristocracy
    C) autocracy
    D) autonomy

78. Find correctly spelt word.

    A) efficient
    B) treetment
    C) beterment
    D) employd

79. The idiom "to drive home" means

    A) to find one's roots
    B) to return to place of rest
    C) back to original position
    D) to emphasize

80. Which of the following word means a popular art ?

    A) collage
    B) college
    C) colleague
    D) coolage

A

81. Father of Tropical Forestry

   A) R. S. Troup

   B) Jack Westoby

   C) J. S. Gamble

   D) Dietrich Brandis

82. The first National Park in Kerala

   A) Periyar   B) Silent Valley

   C) Eravikulam   D) Anamudi Shola

83. Scientific name of "Indian laburnum" is

   A) *Santalum album*

   B) *Cassia fistula*

   C) *Tectona grandis*

   D) *Azadirachta indica*

84. The first paper industry was established in India at

   A) Andhra Pradesh   B) Orissa

   C) Kerala   D) West Bengal

85. India State of Forest Report is prepared by

   A) ICFRE   B) FSI

   C) FRI   D) IIFM

86. In which year the 'Project Elephant' was launched in India ?

   A) 1995   B) 1972

   C) 1973   D) 1992

87. The transition zone between two ecosystems is known as

   A) Ecotone   B) Ecotype

   C) Ecocline   D) Ecological Niche

88. "Operation Olivia" was started for the conservation of

    A) Gharial   B) Sea turtle

    C) Vulture   D) Black buck

89. The art and science of cultivating forest trees is called

    A) Silviculture

    B) Horticulture

    C) Olericulture

    D) Moriculture

90. Wildlife Protection Act was enacted in the year

    A) 1952   B) 1927

    C) 1972   D) 1988

91. The Flamingo festival is celebrated annually in

    A) Andhra Pradesh

    B) Gujarat

    C) Karnataka

    D) Rajasthan

92. United Nations Climate Change Conference, 2017 was held at

    A) Marrakech, Morocco

    B) Katowice, Poland

    C) Bonn, Germany

    D) Lima, Peru

93. World Bamboo Day was celebrated on

    A) May 22

    B) March 20

    C) July 29

    D) September 18

94. Vivipary is a characteristic feature of
   A) Mesophytes
   B) Xerophytes
   C) Halophytes
   D) Phreatophytes

95. The grasslands in Central Eurasia are called
   A) Pampas
   B) Steppes
   C) Prairies
   D) Savanna

96. The largest community reserve in India
   A) Lalwan
   B) Kadalundi-Vallikunnu
   C) Dangkipara
   D) Kokkare Bellur

97. The plants growing on deserts are called
   A) Chamaephytes
   B) Cremophytes
   C) Eremophytes
   D) Psilophytes

98. Which district in Kerala has largest area under mangrove forest ?
   A) Kozhikode
   B) Ernakulam
   C) Thrissur
   D) Kannur

99. Tropical Forest Research Institute is situated in
   A) Dehradun
   B) Jabalpur
   C) Jorhat
   D) Bhopal

100. World Nature Conservation Day is celebrated on
   A) September 11
   B) June 5
   C) July 28
   D) March 21

_____

Space for Rough Work