101/2019–M

Question Booklet Alpha Code	A		Question Booklet Serial Number	105501

Total No. of questions : 100

Time : 75 Minutes

Maximum : 100 Marks

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 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.

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Which novel by Uroob is set against the backdrop of Malabar riots 1921?

   (A) Sundarikalum Sundaranmarum
   (B) Rachiyamma
   (C) Velutha Kutty
   (D) Ummachu

2. Name the state butterfly of Kerala?

   (A) Gautami
   (B) Blue Mormon
   (C) Common Peacock
   (D) Budha Mayoori

3. The first Indian satellite made exclusively for Indian Air Force?

   (A) GSAT 11
   (B) RISAT 1
   (C) GSAT 7A
   (D) IRSP 5

4. Rani-ki-vav is in this state :

   (A) Maharashtra
   (B) Gujarat
   (C) Madhya pradesh
   (D) Odisha

5. MiG-21 is a :

   (A) Artillery
   (B) Jet fighter
   (C) Submarine
   (D) Drone

6. Name the organism which can monitor air pollution :

   (A) Blue green algae
   (B) Eomycota
   (C) Pseudomonas
   (D) Lichen

7. Which is the first national park in Kerala?

   (A) Silent Valley
   (B) Thekkady
   (C) Eravikulam
   (D) Muthanga

8. Which river in kerala was known as Baris?

   (A) Pamba
   (B) Periyar
   (C) Chandragiri
   (D) Nila

9. Which district of Kerala is known for its black soil deposit?

   (A) Alappuzha
   (B) Palakkad
   (C) Wayanad
   (D) Kollam

A

3

20. Man Booker Prize winner of 2018 :
    (A) Anna Burns
    (B) Alice Munroe
    (C) Margaret Atwood
    (D) Anita Brookner

21. The cyclone Titli affected the state of :
    (A) Tamil Nadu
    (B) Odisha
    (C) Assam
    (D) Punjab

22. How many Ramsar sites are there in India?
    (A) 26
    (B) 32
    (C) 28
    (D) 34

23. Which mission of Govt.of India intends to immunize children under the age of two?
    (A) UJWAL
    (B) UDAAN
    (C) Indhradhanush
    (D) PAHAL

24. The project Ente Koodu is implemented by the department of :
    (A) Social justice
    (B) Education
    (C) Women and Child Welfare
    (D) Human Development

25. The preamble of Indian Constitution was first amended in :
    (A) 1978
    (B) 1976
    (C) 1981
    (D) 1971

26. The Indian Constitution borrowed the idea of D.P.S.P from the constitution of :
    (A) Spanish
    (B) U.S
    (C) French
    (D) Irish

27. Which among the following nuclear power project is being built with French Assistance?
    (A) Kudamkulam
    (B) Dabhol
    (C) Bellary
    (D) Jaitapur

28. Which is the largest carbon emitting nation?
    (A) U.S
    (B) Russia
    (C) China
    (D) Japan

29. The Noise Pollution(Control and Regulation) Rules came in :
    (A) 2002
    (B) 1998
    (C) 1993
    (D) 2000

30. Which of the following is the international standard for character encoding?
    (A) Unicode
    (B) EBCDIC
    (C) ISCII
    (D) ASCII

31. MS Word is a :
    (A) Spreadsheet tool
    (B) Database tool
    (C) Word processor
    (D) Presentation tool

32. What is the name of the standard Malayalam Keyboard layout?
    (A) ISM
    (B) INSCRIPT
    (C) MOZHI
    (D) REVATHY

33. Name the first fully automated computing device :
    (A) Mark 1
    (B) EDVAC
    (C) EDSAC
    (D) ENIAC

34. Processing power of CPU is measured in :
    (A) Micro seconds
    (B) CIPS
    (C) IPS
    (D) MIPS

35. Pick a non-antivirus software :
    (A) AVG
    (B) Avira
    (C) Melissa
    (D) McAfee

36. Linux Kernel is written by :
    (A) Linus Max
    (B) Linus Torvalds
    (C) Steve Jobs
    (D) Dennis Ritchie

37. The computer memory that is not forgotten :
    (A) RAM
    (B) DRAM
    (C) ROM
    (D) PRAM

38. Which year did the kundara proclamation happen?
    (A) 1765
    (B) 1809
    (C) 1812
    (D) 1867

39. Who won the 'Champions of the Earth' award in 2018?
    (A) Narendra Modi
    (B) Medha Padkar
    (C) Donald Trump
    (D) Shashi Tharoor

40. Who is the author of 'Darshanamala'?
    (A) Kumaranasan
    (B) Sri Narayana Guru
    (C) Ayyankali
    (D) Chattampi Swami

41. Gaggle of cheese, herd of cattle, flock of sheep and school of :

    (A) Flocks   (B) Children

    (C) Students   (D) Fish

42. Let's go for a movie, —————?

    (A) can we?   (B) should we?

    (C) shall we?   (D) right?

43. One of the students ————— the examination.

    (A) has passed   (B) have passed

    (C) have   (D) write

44. Raju ————— in Mumbai since 1999.

    (A) lives   (B) lived

    (C) has been living   (D) is living

45. I have an allergy problem. The doctor has advised me not to eat any ————— products.

    (A) diary   (B) dairy

    (C) deiry   (D) dreary

46. I ————— Mohanlal yesterday.

    (A) have met   (B) met

    (C) had met   (D) meet

47. As public is to private, foreign is to :

    (A) product   (B) home

    (C) indigenous   (D) abroad

48. Choose the sentence which has a mistake in it :

    (A) I removed the furnitures from my home

    (B) Get out.

    (C) Pass the salt, please.

    (D) Where do you stay?

49. If you had studied well, you?

    (A) will pass   (B) would have passed

    (C) can pass   (D) would pass

50. A room or a building where a person stays is his :

    (A) acomodation   (B) accomodation

    (C) acommodation   (D) accommodation

51. I prefer tea ———— coffee.

    (A) over   (B) to

    (C) than   (D) of

52. Words inscribed on a tomb is an :

    (A) Epitome   (B) Epistle

    (C) Epilogue   (D) Epitaph

53. Identify the misspelt word:

    (A) ocassion   (B) separate

    (C) receive   (D) supra

54. The phrase 'to smell a rat' means :

    (A) there is a dead rat in the room

    (B) the speaker is a cat

    (C) to suspect something

    (D) rat is moving suspiciously

55. We believe his explanation because it sounds :

    (A) Credible   (B) Creditable

    (C) Incredible   (D) Credibility

56. "പുഞ്ചിരി, ഹാ! കുലീനമാം കള്ളം
    നെഞ്ചുകീറി ഞാൻ നേരിനെക്കാട്ടാം."
    ഏത് കൃതികളിലെ വരികളാണിത്?
        (A) കണ്ണീർപ്പാടം
        (C) നളിനി
        (B) കൊച്ചുസീത
        (D) കുടിയൊഴിക്കൽ

57. അഭ്യസ്തവിദ്യൻ എന്ന പദം വിഗ്രഹിക്കുമ്പോൾ :
        (A) വിദ്യയാൽ അഭ്യസ്തനായവൻ
        (C) അഭ്യസിക്കപ്പെട്ട വിദ്യയോടുകൂടിയവൻ
        (B) വിദ്യാസമ്പന്നൻ
        (D) അഭ്യസ്ത + വിദ്യൻ

58. കൂപമണ്ഡൂകം എന്ന ശൈലിയുടെ ആശയം :
        (A) കിണറ്റിലെ തവള
        (C) താനാണ് കേമൻ എന്ന മിഥ്യാബോധം
        (B) കിണറും തവളയും
        (D) അഹങ്കാരമില്ലാത്തവൻ

59. നദി എന്ന അർത്ഥം വരുന്ന പദം ഏത്?
        (A) വാഹിനി
        (C) സരയു
        (B) സരണി
        (D) സലിലം

60. 'സാഹിത്യവാരഫലം' എന്ന പംക്തി കൈകാര്യം ചെയ്ത മലയാള നിരൂപകൻ :
        (A) കെ.പി. അപ്പൻ
        (C) വി. രാജകൃഷ്ണൻ
        (B) എം. കൃഷ്ണൻ നായർ
        (D) ആഷാ മേനോൻ

61. മലയാളത്തിലെ 'സ്കോട്ട്' എന്നറിയപ്പെട്ട സാഹിത്യകാരൻ :
        (A) ഒ. ചന്തുമേനോൻ
        (C) കേസരി ബാലകൃഷ്ണപ്പിള്ള
        (B) ഇ.വി. കൃഷ്ണപ്പിള്ള
        (D) സി.വി. രാമൻ പിള്ള

62. വാക് + വാദം, സന്ധി ചെയ്യുമ്പോൾ :
        (A) വാഖ്വാദം
        (C) വാക്വാദം
        (B) വാഗ്വാദം
        (D) വാക്‌വാദം

63. 'Think before you leap' എന്ന പ്രയോഗത്തിന് സമാനമായ ചൊല്ല് :
        (A) ഇരിക്കും കൊമ്പ് മുറിക്കരുത്
        (C) കതിരിൽ വളം വെക്കരുത്
        (B) ഇരിക്കുന്നതിന് മുൻമ്പ് കാൽ നീട്ടരുത്
        (D) ചൊട്ടയിലെ ശീലം ചുടലവരെ

64. പിൻ വിനയെച്ചത്തിന് ഉദാഹരണമേത്?
        (A) വന്നു പറഞ്ഞു
        (C) വന്നാൽ പറയാം
        (B) വരാൻ പറഞ്ഞു
        (D) പറഞ്ഞു വരുന്നു

65. 'പ്രകൃതി നിയമം' എന്ന മലയാള നോവലിന്റെ കർത്താവാര്?
        (A) എം.പി. നാരായണപ്പിള്ള
        (C) സി.ആർ. പരമേശ്വരൻ
        (B) പെരുമ്പടവം ശ്രീധരൻ
        (D) ബെന്യാമിൻ

66. Which is the odd one out?

    (A) 7568
    (B) 9637
    (C) 4205
    (D) 9740

67. 0.1, 1.0, 1.1, 11.0, ? , 111.0. What number should replace the question mark :

    (A) 11.00
    (B) 12.0
    (C) 10.1
    (D) 11.1

68. If $5 \times 3 = 24$, $4 \times 2 = 18$, $8 \times 2 = 30$, then $9 \times 2 = ?$

    (A) 33
    (B) 18
    (C) 11
    (D) 22

69. A man starts shopping with Rs. X and Y paise, spends Rs. 3.50 and is left with Rs. $2Y$ and $2X$ paise. The amount he started with is :

    (A) Rs. 48.24
    (B) Rs. 28.64
    (C) Rs. 32.14
    (D) Rs. 23.42

70. The angles of a right angled triangle are in arithmetic progression and the smallest side is 10.00 m. The perimeter of the triangle in m is :

    (A) 60.00
    (B) 47.32
    (C) 12.68
    (D) 22.68

71. A milkman adds 10 liters of water to 90 liters of milk. After selling $(1/5)^{th}$ of the total quantity, he adds water equal to quantity he has sold. The proportion of water to milk he sells now would be :

    (A) 72 : 28
    (B) 28 : 72
    (C) 20 : 80
    (D) 30 : 70

72. What is the next term in the following sequence?

    7, 11, 13, 17, 19, 23, 29, __

    (A) 37
    (B) 35
    (C) 31
    (D) 33

73. Three years ago, difference in the ages of two brothers was 2 years. The sum of their present ages will double in 10 years. What is the present age of the elder brother?

(A) 6

(B) 11

(C) 7

(D) 9

74. The sum of the first 9 natural number with one of them missed is 42. What is the number that was missed?

(A) 1

(B) 2

(C) 3

(D) 4

75. A man traveled a distance of 50 km in 8 hours. He travelled partly on foot at 5 km/hr and partly on bicycle at 10 km/hr. What is the distance traveled on foot?

(A) 10

(B) 30

(C) 20

(D) 5

76. A, B and C are three pipes attached to a cistern. A and B can fill it in 20 minutes and 30 minutes respectively, while C can empty it in 15 minutes. If A, B and C be kept open successively for 1 minute each, how soon will the cistern be filled?

(A) 180

(B) 60

(C) 157

(D) 155

77. The value of $\sqrt{2+\sqrt{2+\sqrt{2+\ldots}}}$ is equal to :

(A) 2

(B) $1+\sqrt{2}$

(C) $\sqrt{3}$

(D) 4

78. In a month of 31 days, the third Wednesday falls on the 15th. What will be the last day of that month :

(A) Fifth Thursday

(B) Fifth Wednesday

(C) Fourth Sunday

(D) Fifth Friday

79. After a get-together every person present shakes the hands of every other person. If there were 105 handshakes in all, how many persons were present in the party :

(A) 15

(B) 20

(C) 14

(D) 16

80. Let $A = \dfrac{1^{15} + 2^{15} + 3^{15} + 4^{15}}{4}$, $B = \dfrac{1^{15} + 3^{15}}{2}$ and $C = \dfrac{2^{15} + 4^{15}}{2}$. Then which of the following i true :

(A) $B < A < C$

(B) $A < B < C$

(C) $B < C < A$

(D) $C < B < A$

81. If $\dfrac{1}{3^k} + \dfrac{1}{3^k} + \dfrac{1}{3^k} = \dfrac{1}{3^x}$, then $x =$

(A) $k/3$

(B) $3/k$

(C) $k - 1$

(D) $3k$

82. If $7x + 3y = 12$ and $3x + 7y = 6$, what is the value of $x + y$?:

(A) $9/5$

(B) $5/9$

(C) $3/2$

(D) $2/3$

83. If p and q be two positive integers such that $p + q + pq = 76$, then the value of $p + q$ is :

(A) 17

(B) 16

(C) 15

(D) 2/3

84. How many digits are there in $2^{17} \times 3^2 \times 5^{14} \times 7$?

(A) 14

(B) 15

(C) 16

(D) 17

85. Pointing to a photograph Achu said, "She is the mother of my brother's son's wife's daughter." How is Achu related to the lady?

(A) Uncle

(B) Daugther-in-law

(C) Cousin

(D) None of these

A

86. Which is the famous temple in Kerala where the art form Krishnanaattam is performed?

    (A) Sree Padmanabhaswami Temple, Thiruvananthapuram

    (B) Sree Vallabha Temple, Thiruvalla

    (C) Sree Krishna Temple, Guruvayoor

    (D) Sree Vatakkumnatha Temple, Trissur

87. Who is the author of Tantrasamuchchaya?

    (A) Trivikrama   (B) Neelakantha

    (C) Parasurama   (D) Chennas Narayana

88. The Temple Entry Proclamation was issued by Maharaja Chithira Thirunal Balarama Varma in :

    (A) 1936   (B) 1924

    (C) 1932   (D) 1931

89. The author of the book, *The Life Divine* is :

    (A) Aurobindo   (B) Ramana Maharshi

    (C) Vivekananada   (D) Gandhiji

90. The stone idols of deities to be installed in the temples are made of :

    (A) Sthree Shila   (B) Purusha Shila

    (C) Napumsaka Shila   (D) Mridu Shila

91. The constitution of the Malabar Devaswom Board was made by the H.R & C.E (Amendment) Ordinance in :

    (A) 1956   (B) 1965

    (C) 1947   (D) 2008

92. The part of Vedic Literature more connected to the performance of Karma :

    (A) Samhita   (B) Brahmana

    (C) Aranyaka   (D) Upanishad

93. Dakshinaamurthi is a form of :

    (A) Siva   (B) Vishnu

    (C) Bhadrakaali   (D) Saastha

94. Which one of the following is not included in Panchapraakaaras?

    (A) Garbhagriham

    (B) Namaskaara Mandapam

    (C) Outer Balivattam

    (D) Vilakkumaadam

95. Brihadeeshvara Temple is located at :

    (A) Thanjavur

    (B) Puri

    (C) Tiruppathi

    (D) Madurai

96. Abhinavagupta is associated to :

    (A) Sankhya Philosophy

    (B) Dvaita Philosophy

    (C) Advaita Vedanta Philosophy

    (D) Saiva Philosophy

97. Which one of the following is not included in the 18 Puranas written by Vyasa?

    (A) Agnipurana

    (B) Matsyapurana

    (C) Neelamatapurana

    (D) Brahmapurana

98. Who is famous as Shanmatasthaapaka?

    (A) Narayana Guru

    (B) Parasurama

    (C) Sree Sankaracharya

    (D) Chattampi Swamikal

99. The Balipeethas of Saptamaatrikkal are seen in :

    (A) Northern side of the Garbhagriha

    (B) Southern side of the Garbhagriha

    (C) Eastern side of the Garbhagriha

    (D) Western side of the Garbhagriha

100. The earliest famous Malayalam text on Kerala Tantra :

    (A) Tantrasamuchchaya

    (B) Putayoor Bhasha

    (C) Kuzhikkattupachcha

    (D) Seshasamuchchaya

A