

101/2019-T

Question Booklet
Alpha Code

A

Question Booklet
Serial Number

107133

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.

SEAL

101/2019-T

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

10. Edakkal cave is in this peak :
(A) Anamudi (B) Chembra
(C) Poomala (D) Ambukuthi
11. Which of the movement was headed by Sundarlal Bahuguna?
(A) Bishnoi (B) Appiko
(C) Chipko (D) Narmada bachao
12. The year in which the first Rio de Janeiro Earth Summit occurred?
(A) 2002 (B) 1992
(C) 1997 (D) 1994
13. The first women Chief Election commissioner of India :
(A) V.S. Ramadevi (B) Fathima Beevi
(C) Sheila Dikshit (D) Shano Devi
14. Which state achieved hundred percent success in implementing Jan Dhan Yojna?
(A) Telengana (B) Kerala
(C) Meghalaya (D) Rajasthan
15. Which among the following is an organization charged with military research and development?
(A) DRDO (B) SAIL
(C) NTPC (D) DVC
16. International Anti-Corruption Day :
(A) 12 August (B) 4 May
(C) 29 July (D) 9 December
17. Which Article of the Indian Constitution deals with the appointment of judges?
(A) Article 223 (B) Article 217
(C) Article 189 (D) Article 226
18. The first state to introduce the system of Lokayukta :
(A) Mizoram (B) Karnataka
(C) Maharashtra (D) Uttar Pradesh
19. Which is the first ritual in a kathakali performance?
(A) Kalaasam (B) Purappad
(C) Thiranottam (D) Thodayam

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) indigenious (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. உயிரளபெடையின் மாத்திரை அளவு :
 (A) ஒன்று (B) இரண்டு
 (C) மூன்று (D) நான்கு
57. ஐகாரத்திற்கு இன எழுத்து யாது?
 (A) அ (B) ஆ
 (C) இ (D) ஈ
58. மேலுதடும் கீழுதடும் பொருந்தப் பிறக்கும் எழுத்துக்கள் யாவை?
 (A) த், ந் (B) ப், ம்
 (C) ல், ள் (D) ற், ன்
59. வினைத்தொகைக்கு உதாரணம் :
 (A) செந்தாமரை (B) நீ வாழிய
 (C) கலகல (D) ஊறுகாய்
60. மருத நிலக்கடவுள் :
 (A) முருகன் (B) இந்திரன்
 (C) வருணன் (D) திருமால்
61. கருவாச்சிக் காவியம் என்ற நூலின் ஆசிரியர் :
 (A) வைரமுத்து (B) ஜெயமோகன்
 (C) மு. மேத்தா (D) வாலி
62. சுஜாதா என்ற எழுத்தாளரின் இயற்பெயர் :
 (A) இரங்கராஜன் (B) கல்கி
 (C) இராசேந்திரன் (D) இராஜாத்தி
63. 'ஆ' என்பதன் பொருள் :
 (A) அரசன் (B) அன்பு
 (C) மலர் (D) பசு
64. 'தட்பம்' என்பதன் எதிர்ச்சொல் :
 (A) தண்மை (B) குளிர்ச்சி
 (C) வெப்பம் (D) அழகு
65. 'குடும்ப விளக்கு' என்னும் நூலின் ஆசிரியர் :
 (A) பாரதியார் (B) பாரதிதாசன்
 (C) கண்ணதாசன் (D) புவியரசு

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 $(1/5)^{\text{th}}$ 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 $\sqrt{2+\sqrt{2+\sqrt{2+\dots}}}$ 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 $A = \frac{1^{15} + 2^{15} + 3^{15} + 4^{15}}{4}$, $B = \frac{1^{15} + 3^{15}}{2}$ and $C = \frac{2^{15} + 4^{15}}{2}$. Then which of the following is

true :

(A) $B < A < C$

(B) $A < B < C$

(C) $B < C < A$

(D) $C < B < A$

81. If $\frac{1}{3^k} + \frac{1}{3^k} + \frac{1}{3^k} = \frac{1}{3^x}$, 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) Daughter-in-law

(C) Cousin

(D) None of these

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) Vivekananda (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) Bhadrakali (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