

Qn. Booklet No:

25025

Roll Number:

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INSTRUCTIONS TO CANDIDATES

1. Fill in the OMR sheet carefully as per the instructions given on the back of the OMR Sheet / Admit Card. OMR sheet not correctly filled in will not be valued.
 2. Write your Roll Number (all eight digits) and Version as **A** on the Question Booklet and on the left hand side of the OMR sheet (basic data part).
 3. The examination consists of 100 Objective type multiple choice questions, which are to be answered in 90 minutes.
 4. After opening the Question Booklet ensure that there are 100 Questions and that the printing of all the questions are legible. If there are any missing or illegibly printed questions, the matter may be reported to the Invigilator immediately
 5. There are 4 options (A, B, C & D) for each objective type question. Mark the most appropriate answer to each question by blackening fully the corresponding bubble in the OMR sheet with a black/blue ink ball point pen. **For every correct answer 1 mark will be awarded. No deduction of mark will be made for incorrect answer and unanswered questions.** Marking of more than one bubble against a question number in the OMR sheet shall be considered as an incorrect answer. Erasing, overwriting, partial marking, etc. shall also be treated as incorrect answer.
 6. Rough work and calculations can be made in the blank pages attached to the question booklet. Watch, Calculator, Mobile phone, Electronic instruments etc. shall not be allowed in the examination hall.
 7. The OMR Sheet and the Hall Ticket should be returned to the Invigilator. The Counterfoil of the Hall Ticket and Question Booklet can be retained by the candidate after the examination.
 8. Answer keys will be published in the website www.lbscentre.kerala.gov.in after the examination. Complaints, if any, from the candidates regarding the questions, responses / probable answer may be sent to the Email id lbscentre@gmail.com before 5.00 p.m. within three calendar days from the date of publication of the answer keys. Complaints not substantiated with supporting documents will not be considered. However the decision of the experts regarding such complaints on the answer keys shall be final.
 9. The Answer sheet of candidates who indulge in malpractice in any form shall not be valued.
 10. The candidates will be allowed to leave the hall only after the completion of the examination time. No candidate shall leave the hall without handing over both Basic Data Part and Answer Part to the Invigilator.
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1. Which of the following is **not** a web browser?
A) Chrome B) Firefox
C) Internet Explorer D) Excel
2. A kilobyte contains ---- bytes.
A) 512 B) 1024 C) 1000 D) 2048
3. Which of the following is used to store large amount of data permanently?
A) RAM B) CPU C) Hard Drive D) Cache
4. Which of the following represents one billion cycles per second?
A) MHz B) KHz C) GHz D) THz
5. The Recycle Bin stores:
A) deleted files B) backup files C) internet cache D) temporary files
6. Which of the following is **not** a type of computer network?
A) LAN B) WAN C) MAN D) PANIC
7. The company which manufactures Mac computers:
A) Dell B) IBM C) Apple D) Intel
8. ---- is used for drawing and designing.
A) MS Excel B) MS Word
C) MS PowerPoint D) AutoCAD
9. ----- is **not** a mobile operating system.
A) Android B) iOS C) Windows D) Ubuntu Touch
10. The physical parts of a computer is called:
A) Software B) Firmware C) Hardware D) Output
11. ----- is an online storage platform.
A) Google Drive B) Gmail C) YouTube D) Google Maps
12. The smallest unit of data in a computer is:
A) Byte B) Nibble C) Bit D) Word
13. What does CPU stand for?
A) Central Process Unit B) Central Processing Unit
C) Control Process Unit D) Computer Processing Unit

14. Which memory is considered volatile?
 A) ROM B) Flash C) Hard Disk D) RAM
15. Which of the following is **not** a programming language?
 A) Python B) Java C) Linux D) C++
16. The full form of URL:
 A) Uniform Resource Locator
 B) Uniform Resource Link
 C) Uniform Registered Link
 D) Unique Resource Locator
17. What does HTTP stand for?
 A) Hyper Text Transfer Protocol
 B) Hyperlink Transfer Protocol
 C) High Transfer Text Protocol
 D) Hyper Transfer Text Process
18. Which part of the computer performs calculations?
 A) Hard Disk B) ALU C) RAM D) Cache
19. Which of these is **not** an input device?
 A) Touchscreen B) Keyboard C) Printer D) Microphone
20. ---- is an example of an open-source operating system.
 A) Windows B) Linux C) macOS D) DOS
21. The key used to refresh a webpage:
 A) F2 B) F5 C) F3 D) F4
22. ---- is the brain of the computer.
 A) RAM B) Hard Drive C) CPU D) Monitor
23. Which of the following stores the BIOS?
 A) RAM B) ROM C) Cache D) Hard Disk
24. The shortcut to copy selected text is:
 A) Ctrl + V B) Ctrl + C C) Ctrl + X D) Ctrl + Z
25. ---- is the device used for internet connection.
 A) Router B) Monitor C) Scanner D) Joystick
26. How much is $\frac{3}{4}$ th of 180 more than $\frac{5}{6}$ th of 120?
 A) 40 B) 35 C) 36 D) 30

27. The value of $\frac{17^3 - 13^3}{17^2 + 17 \times 13 + 13^2}$ is:
- A) 16 B) 104 C) 26 D) 4
28. The value of $21 + 19 - 9 \times 15 \div 3 + 7 \times 6 - 3$ is:
- A) 37.3 B) 34 C) 194 D) 14
29. If $a : b = 3 : 4$, $b : c = 5 : 7.5$, then, $a : b : c$ is:
- A) 3:4:6 B) 15:20:28 C) 6: 20: 15 D) 3: 20:7.5
30. The value of $1234321 \div 1111$ is:
- A) 999 B) 111 C) 1111 D) 9001
31. The sum of three consecutive numbers is 30. What is the sum of their squares?
- A) 302 B) 245 C) 251 D) Cannot say
32. Which of the following fraction is equivalent to 0.512?
- A) $\frac{128}{500}$ B) $\frac{256}{250}$ C) $\frac{64}{125}$ D) $\frac{32}{125}$
33. The value of $\frac{2}{3} + \frac{3}{5} + \frac{1}{12}$ is:
- A) $\frac{9}{7}$ B) $\frac{4}{3}$ C) $\frac{4}{5}$ D) $\frac{27}{20}$
34. An article is bought for Rs. 9800 and sold for Rs. 10878. What is the profit percentage?
- A) 12% B) 11% C) 9% D) 8%
35. The ratio of the speeds of two cars is 3:5. If the distances they travel are in the ratio 5:7, then, the ratio of the time taken is:
- A) 25: 15 B) 21:25 C) 25:21 D) 35:15
36. Five kilograms of cement costing Rs. 8 per kilogram is mixed with twenty kilograms of sand costing Rs. 3 per kilogram. What is average price of one kilogram mixture?
- A) Rs. 4 B) Rs. 5 C) Rs. 6 D) Rs. 7
37. Twice of a number is as much greater than 3800 as it is less than 5200. Then the number is:
- A) 4500 B) 4200 C) 2250 D) 9000

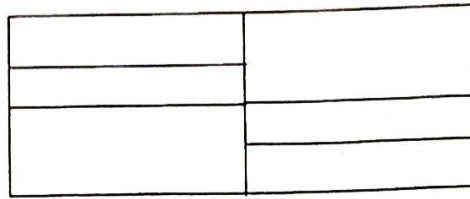
38. Nine times of a positive whole number is 5 less than twice the square of the number. The number is:
 A) 9 B) 7 C) 5 D) 3
39. Choose the best alternative having the same relation with the number as the given pair of numbers. $7:11 :: 17:?$
 A) 20 B) 25 C) 41 D) None of these
40. Complete the series: 0, 7, 26, 63, —
 A) 215 B) 124 C) 191 D) 176
41. If BEE is coded as 69 and WAX is coded as 33, then HONEY is coded as:
 A) 68 B) 67 C) 51 D) None of these
42. In a certain code '+' means '÷', '÷' means '×', '×' means '—' and '—' means '+', then the value of $20-14+7\div 2\times 7$ is:
 A) 40.5 B) 14 C) 17 D) 18.5

Read the following carefully and answer the questions 43 and 44.

There are four students A,B,C, and D and four subjects Mathematics, Physics, Chemistry and Biology. It is given that:

1. A and C are good in Mathematics and Biology
 2. B and D are good in Mathematics and Physics
 3. A and D are good in Chemistry and Biology
43. Who is good in Mathematics, Chemistry and Biology?
 A) D B) C C) B D) A
44. Who is good in all the four subjects?
 A) D B) C C) B D) A
45. Complete the letter series: a_a_bbac_aa_ab_a_c
 A) aacaba B) aacbhc C) aacabc D) bacaca
46. Four friends, M, N, O, and P are to be seated in a row but N and P cannot be in the neighboring seats. Also, O must be at the third place and P cannot be at first or last place. Then which of the following must be false?
 A) M is at the first place B) N is at the fourth place
 C) P is at the second place D) M is at the fourth place

47. How many rectangles are there in the following figure:



- A) 13 B) 14 C) 15 D) 17
48. Five students P, Q, R, S and T took part in a race. T finished before S but behind P. R finished before Q but behind T. Who won the race?
A) T B) P C) S D) R
49. P is the son of A, Q is the son of B, P is married to C, C is B's daughter. How is Q related to P?
A) Uncle B) Brother
C) Father-in-law D) Brother-in-law
50. The positions of how many letters in the word "IMPORTANCE" will remain unchanged when the letters within the word are arranged alphabetically?
A) 0 B) 1 C) 2 D) 3
51. Which one of the following is a terrestrial planet?
A) Saturn B) Venus C) Jupiter D) Neptune
52. The Indian National flag's ratio of width to length is:
A) 3:2 B) 3:1 C) 2:1 D) 2:3
53. The largest island in Lakshadweep is:
A) Kavaratti B) Amini C) Androth D) Kalpeni
54. The chemical name of ----- is acetyl salicylic acid.
A) Paracetamol B) Aspirin
C) Tetracycline D) Soframycin
55. Vitamin ----- is the one that most directly influences the colour of human skin.
A) A B) C C) D D) B
56. Panchatantram stories were written by:
A) Somadeva B) Vishnu Sharma
C) Chanakya D) Jayadeva
57. Jhelum, Chenab, Ravi, Beas, and Sutlej rivers are tributaries of ----- river.
A) The Ganges B) Narmada C) The Indus D) Brahmaputra

58. The official language of the State of Goa:
 A) Marathi B) Tulu C) Hindi D) Konkani
59. Anantnag, Rajouri and Kathua are districts of :
 A) Uttar Pradesh B) Uttarakhand
 C) Jammu and Kashmir D) Rajasthan
60. The chemical name of bleaching powder is Calcium:
 A) Hypochlorite B) Chloride
 C) Hydroxide D) Bicarbonate
61. Which district in Kerala has the least percentage of forest cover?
 A) Kollam B) Kannur C) Alappuzha D) Malappuram
62. Match the following in List I with List II:
 List I (Name of Player) List II (Name of Game)
 a. Sreejesh 1. Badminton
 b. Prannoy 2. Hockey
 c. Deepika Pallikkal 3. Cricket
 d. Sajeevan Sajana 4. Squash
 A) a-3, b-4, c-1, d-2 B) a-2, b-3, c-1, d-4
 C) a-2, b-1, c-4, d-3 D) a-2, b-4, c-1, d-3
63. The capital city of Manipur:
 A) Imphal B) Kohima C) Agartala D) Shillong
64. The Quit India Movement against the British started in:
 A) 1932 B) 1922 C) 1946 D) 1942
65. ----- is the first Indian astronaut to travel to the International Space Station (ISS) as part of Axiom Mission 4.
 A) Rakesh Sharma B) Shubhanshu Shukla
 C) Raja Chari D) Anil Menon
66. The continent in which Liberia is located:
 A) Asia B) Africa
 C) South America D) Europe
67. NDRF is the short form for:
 A) National Data of Road Fund
 B) National Disaster Relief Force
 C) National Disaster Response Forum
 D) National Defence Reserve Force

68. The 52nd Chief Justice of India (CJI) is:
 A) Justice Bhushan Ramkrishna Gavai
 B) Justice Rajendra Mal Lodha
 C) Justice Uday Umesh Lalit
 D) Justice Deepak Mishra
69. In a mobile phone, SIM stands for:
 A) Safe Identification Motor B) Subscriber Identification Mark
 C) Sole Identification Mark D) Subscriber Identity Module
70. The ICMR's National Institute of Virology (NIV) is located at:
 A) Hyderabad B) Alleppey C) Chandigarh D) Pune
71. The National Animal of India:
 A) Lion of Gir forest B) Indian Elephant of Assam
 C) The Royal Bengal Tiger D) Nilghais of Uttar Pradesh
72. One Nautical Mile is equal to -----km.
 A) 3.2 B) 1.2 C) 2.6 D) 1.8
73. The last Population Census in India was held in:
 A) 2021 B) 2011 C) 2015 D) 2017
74. Who among the following is known as the 'Father of artificial intelligence'?
 A) Tim Berners-Lee B) John McCarthy
 C) Robert Kahn D) Larry Page
75. The city known as the 'Silicon Valley of India':
 A) Chennai B) Pune C) Bengaluru D) Hyderabad

Fill in the blanks using the correct options:

76. I enjoy ----- to Sanjay.
 A) talked B) speak C) talking D) talk
77. He seemed to be very -----.
 A) angrily B) rudely C) angry D) worriedly
78. There is hardly ----- vacant chair in the room.
 A) many B) any C) any body D) so many
79. Pie is richer ----- cake.
 A) to B) of C) than D) that

80. The little boy ---- melodiously.
A) sang B) singed C) sang a D) singed the
81. I have already --- this book.
A) bring B) got C) bought D) buyed
82. He has ----- in this institution for a long time now.
A) is teach B) being teaching
C) been teaching D) taught
83. I couldn't help ---- tears at the plight of victims of the airplane crash.
A) shedding B) in shedding C) shade D) shed
84. All of you can go ----Jin.
A) accept B) expected C) except D) expect
85. The child broke the window ----.
A) pained B) pane C) paned D) pain
86. The population of Uttar Pradesh is ---- than Madhya Pradesh.
A) more larger B) large C) larger D) most large
87. Mathura is ---- Delhi and Agra.
A) between B) closer C) among D) farther
88. He tried his level best ---- did not succeed.
A) because B) still C) and D) but
89. It's raining -----
A) isn't it? B) isn't it C) aren't it? D) is it?
90. ----- Kalahari Desert is in Africa.
A) The B) the C) A D) An
91. Select the word nearest in meaning to 'smart'.
He is a smart boy.
A) bright B) lazy C) casual D) indecent
92. Select the word nearest to the opposite in meaning of 'plentiful'.
The rainfall is plentiful this time.
A) handful B) rare C) much D) scanty

93. Spot the error
My friend and I study together during study leave.
(A) (B) (C) (D) (No error)

Select the word nearest in meaning to the underlined.

94. He denied to go to police station.
A) agreed B) refused C) disagreed D) attempt
95. Identify correctly spelt word:
A) Vaccum B) Commitee C) Affidavit D) Submission

Read the passage completely and answer the questions 96-100:

Language is often used for one of the following three purposes; namely, to inform, to convince, and to persuade. The first, requiring talent of telling what we know is a matter of little difficulty. The second demands reasoning. The third, besides reasoning, demands all the aid that we obtain from the use of figures of speech, or figures of rhetoric, which means the power of persuasion.

96. According to the author often language is used for:
A) Two or three purposes B) One or two purposes
C) Three purposes D) Three or four purposes
97. Which one among the following functions of language is neither too easy nor too difficult to acquire?
A) To convince B) To reason C) To inform D) To persuade
98. Rhetoric is the:
A) Art of reasoning B) Use of figures of speech
C) Power of persuasion D) Means of communicating information
99. The art of persuasion requires the use of:
A) Information and talent B) Reasoning and information
C) Figures of speech D) Reasoning and figures of speech
100. The above passage is:
A) Persuasive B) Convincing
C) Informative D) Rhetorical
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