

Qn. Booklet No:

24025

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 120 Objective type multiple choice questions, which are to be answered in 120 minutes.
4. After opening the Question Booklet at 10.00 a.m., ensure that there are 120 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 and candidates copy of the OMR answer sheet can be retained by the candidate after the examination.
8. Answer keys will be published in the website [www.lbscentre.kerala.gov.in](http://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 [ddcc.lbs@kerala.gov.in](mailto:ddcc.lbs@kerala.gov.in) 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 and after handing over the Answer sheet to the Invigilator.

1. The mapping used in cache memory is:  
A) Direct mapping                      B) Absolute mapping  
C) Immediate mapping                D) Explicit mapping
2. Page replacement algorithm which suffers Belady's anomaly is:  
A) First In First Out                      B) Optimal  
C) Least Recently Used                D) Most Recently Used
3. Main advantage of ER diagram is:  
A) It requires no hardware  
B) Easy to understand  
C) It requires no technical knowledge  
D) All of the above
4. An attribute which has more than one value for a given entity is known as ---- attribute.  
A) Derived                                      B) Multivalued  
C) Compound                                  D) Independent
5. Program counter is used to store:  
A) Address of the next instruction to be executed from memory  
B) Address of the last instruction to be executed from memory  
C) Both A and B  
D) Neither A nor B
6. DMA controller is:  
A) 8156                      B) 8257                      C) 8255                      D) 8279
7. Binary equivalent of decimal 17.8 is:  
A) 11110.001                      B) 01111.111  
C) 11000.011                      D) None of these
8. Convert hexadecimal 8AC to binary:  
A) 1000 1010 1100                      B) 1100 1110 0011  
C) 0101 1100 1110                      D) 1111 1110 0001
9. Convert 1110 0100 to hexadecimal:  
A) A4                      B) E4                      C) D5                      D) C4
10. How many memory words can be generated if there are 'n' address lines?  
A)  $2n$                       B)  $2^n$                       C)  $2^{n+1}$                       D)  $2^n - 2$

11. The advantage of memory management is:
  - A) Minimize the fragmentation
  - B) Effective utilization of memory
  - C) Both A and B
  - D) Neither A nor B
12. EEPROM is:
  - A) Electrically Erasable Programmable Read Only Memory
  - B) Electrically Editable Programmable Read Only Memory
  - C) Electronically Erasable programmable Read Only Memory
  - D) Electronically Editable Programmable Reference Only Memory
13. Meta data is known as data ---- data.
  - A) above
  - B) about
  - C) below
  - D) create
14. If function  $f(A, B, C) = \Sigma(1, 2, 3, 5)$  is implemented using SOP form, the resultant Boolean function is:
  - A)  $AB + BC + AC$
  - B)  $AB + CB + CA$
  - C)  $AB + BB + CA$
  - D) None of these
15. If function  $f(A, B, C, D) = \Sigma(1, 2, 3, 4, 5, 9, 10, 11)$  is implemented using POS form, the resultant Boolean function is:
  - A)  $(A+B).(C+D).(A+C)$
  - B)  $(A+B).(A+D).(C+B)$
  - C)  $(A+C).(A+D).(B+A)$
  - D) None of these
16. Nibble is equal to:
  - A) 4 bits
  - B) 5 bits
  - C) 6 bits
  - D) 7 bits
17. Identify the true statement/s:
 

Statement 1: Vectored interrupts are associated with static vector address.

Statement 2: Maskable interrupts can be enabled or disabled explicitly.

  - A) 1 only
  - B) 2 only
  - C) Both 1 & 2
  - D) Neither 1 nor 2
18. Memory Address Register (MAR) is used to:
  - A) Specify address in memory for a read or write operation
  - B) Specify address in I/O port for a read or write operation
  - C) Both A and B
  - D) Neither A nor B
19. Instructions that do not specify any operands or addresses are known as---- instructions.
  - A) Zero address
  - B) One address
  - C) Two address
  - D) None of these

20. Which of the following is/are an example of secondary memory?  
 A) Hard disc B) Compact disc  
 C) Flash drive D) All of these
21. Set of instructions that are used to execute particular task to get particular result is known as:  
 A) Assembler B) Compiler  
 C) Computer program D) Loader
22. One Terabyte is equal to:  
 A) 1000 Gigabyte B) 1000 Megabytes  
 C) 2048 Gigabyte D) 2048 Megabytes
23. Perform binary subtraction.  
 $1100 - 1011 = ?$   
 A) 0010 B) 0001 C) 0100 D) 1000
24. Which of the following is known as universal logic gate?  
 A) NAND B) NOR  
 C) Both A and B D) Neither A nor B
25. Identify the true statement/s:  
 Statement 1: TRAP is a non-maskable interrupt in 8085  
 Statement 2: RST 7.5 is a maskable interrupt in 8085  
 A) 1 only B) 2 only  
 C) Neither 1 nor 2 D) Both 1 & 2
26. Logical address space is divided into fixed size block called:  
 A) Frames B) Pages C) Overlay D) Cache
27. Maximum size of virtual memory is limited to:  
 A) Size of physical memory  
 B) Size of logical memory  
 C) Size of secondary storage  
 D) None of these
28. Which of the following is an example of DBMS?  
 A) IBM DB2 B) Open NMT C) Opera D) All of these
29. DML stands for:  
 A) Data Managing Language B) Data Manipulation Language  
 C) Data Maskable Language D) Data Marketing Language

30. Identify the true statement/s:  
 Statement 1: Bit is the smallest unit of data in a computer  
 Statement 2: Byte is the biggest unit of data in a computer  
 A) 1 only      B) 2 only      C) Both 1 & 2      D) Neither 1 nor 2
31. 

```
main()
{
int a,b;
if(a=0)
printf("hai");
else
printf("hello");
}
```

 Output of the program is:  
 A) hai      B) hello  
 C) hai hello      D) Compilation error
32. Errors in the program can be detected using:  
 A) Compiling      B) Running      C) Executing      D) Debugging
33. Iterations in the C language can be implemented using:  
 A) for      B) while      C) do-while      D) All of these
34. 

```
main()
{
int x=5,y=6,z;
z=x++ + y++;
printf("%d",z);
}
```

 The value of 'z' is:  
 A) 10      B) 11      C) 12      D) 13
35. System software is used to:  
 A) Control the operation of a computer  
 B) Perform debugging  
 C) Run applications  
 D) None of the above
36. Computers can be communicated to outside world using:  
 A) Memory      B) Input/Output devices  
 C) Processor      D) Hard disc
37. The binary number 1101 in hexadecimal representation is:  
 A) A      B) 15      C) 14      D) D



38. Binary equivalent of the decimal number 9 is:  
 A) 1000      B) 1001      C) 1010      D) 1110
39. If all the input signals are 1, output of AND gate is:  
 A) Always 0      B) Always 1      C) Either 0 or 1      D) None of these
40. All the arithmetic and logical operations are performed using:  
 A) Motherboard      B) Registers  
 C) ALU      D) Cache Memory
41. Gate which is used to reverse the output from 0 to 1 and vice-versa:  
 A) NAND      B) NOR      C) NOT      D) EXOR
42. Boolean functions can be represented using:  
 A) Symbol table      B) Truth table  
 C) Parsing table      D) All of these
43. What is the complement of XYZ?  
 A)  $X' + Y' + Z'$       B)  $X' + Y + Z'$       C)  $X + Y + Z'$       D)  $X + Y + Z$
44. The terms in Product of Sum (POS) are known as:  
 A) min term      B) max term      C) sum term      D) product term
45. Number of min terms in an expression comprises of 'n' variables is:  
 A)  $2n$       B)  $2^n$       C)  $2^n + 1$       D)  $2^n - 1$
46. Cache memory is implemented using:  
 A) Static RAM      B) Dynamic RAM  
 C) Both A & B      D) Neither A nor B
47. The output of the compiler is:  
 A) Machine code      B) Register code  
 C) System software      D) Application Software
48. '*strrev*' string library function is used to:  
 A) Compares two strings without regard to case  
 B) Reverse the given string  
 C) Copy first n characters of one string into another  
 D) Appends one string at the end of another
49. Transitive functional dependency is eliminated in:  
 A) 1 NF      B) 2 NF      C) 3 NF      D) 4 NF

50. Identify the true statement/s:  
 Statement 1: Cache memory is placed between RAM and CPU  
 Statement 2: Cache memory is used to hold frequently requested data  
 Statement 3: Cache memory and virtual memory are same  
 A) 1 only      B) 1 & 2 only      C) 2 & 3 only      D) 1, 2 & 3
51. If ratio of corresponding sides of two similar triangles is 3:4, then the ratio of their areas is:  
 A) 3:4      B) 4:3      C) 9:16      D) 16:9
52. The distance of the point  $(-2, -5)$  from the Y-axis is:  
 A) 2 units      B) 3 units      C) 5 units      D) 7 units
53. A bag contains 3 red, 4 blue and 5 green balls. A ball is drawn at random from the bag. The probability that the ball drawn is **not** red is:  
 A)  $\frac{1}{4}$       B)  $\frac{1}{12}$       C)  $\frac{3}{4}$       D)  $\frac{1}{3}$
54. The largest coefficient in the expansion of  $(1 + x)^{10}$  is:  
 A)  $\frac{10!}{5!}$       B)  $\frac{10!}{5!^2}$       C)  $\frac{10!}{5!4!}$       D)  $\frac{10!}{4!}$
55. In how many ways 4 boys and 3 girls can be seated in a row so that they sit alternately:  
 A) 12      B) 36      C) 144      D) 256
56. If  $\left(\frac{x}{y}\right)^{a-1} = \left(\frac{y}{x}\right)^{a-4}$  then the value of  $a$  is:  
 A)  $\frac{3}{2}$       B)  $\frac{5}{2}$       C)  $\frac{7}{2}$       D)  $\frac{9}{2}$
57. The centre of the circle  $x^2 + y^2 + 4x + 6y - 24 = 0$  is at:  
 A) (2,3)      B) (4,6)      C) (-2,-3)      D) (-4,-6)
58. The length of the latus rectum of the curve  $x^2 = 16y$  is:  
 A) 4      B) 8      C) 16      D) 32
59. If  $\log_{10} 2 = 0.3010$  then  $\log_2 10$  is:  
 A)  $\frac{699}{301}$       B)  $\frac{1000}{301}$       C) 0.3010      D) 0.6990
60. Two dice are tossed together. The probability that the product of the numbers on the top of the dice is 12 is:  
 A)  $\frac{1}{3}$       B)  $\frac{1}{9}$       C)  $\frac{1}{12}$       D)  $\frac{4}{9}$

61. A number  $x$  is chosen from 9, -7, -5, -3, -1, 0, 2, 3, 6. The probability that  $|x| < 3$  is:  
 A)  $\frac{8}{9}$                       B)  $\frac{5}{9}$                       C)  $\frac{2}{3}$                       D)  $\frac{1}{3}$
62. Two cubes each of volume  $8\text{cm}^3$  are joined end to end. The surface area of resulting cuboid is ----  $\text{cm}^2$ .  
 A) 20                      B) 40                      C) 60                      D) 80
63. The relation between  $x$  and  $y$  such that the point  $P(x,y)$  is equidistant from the points (3,-2) and (5,7) is:  
 A)  $4x + 14y + 5 = 0$                       B)  $4x + 18y + 13 = 0$   
 C)  $16x + 18y + 13 = 0$                       D)  $2x + 9y + 13 = 0$
64. The HCF of the smallest composite number and the smallest prime number is:  
 A) 1                      B) 2                      C) 3                      D) 4
65. If sum of the zeros of the quadratic polynomial  $2x^2 - kx + 5$  is 4, then the value of  $k$  is:  
 A) 4                      B) 5                      C) 6                      D) 8
66. The equation of a line is  $3x + 4y = 14$ . Then the equation of a line parallel to it is:  
 A)  $4x - 3y = 14$                       B)  $6x + 8y = 28$   
 C)  $3x - 4y = 14$                       D)  $9x + 12y = 24$
67. The perimeter of a right triangle is 60cm and its hypotenuse is 25cm. Then the area of the triangle is:  
 A) 150 sq.cm    B) 200 sq.cm    C) 300 sq.cm    D) 625 sq.cm
68. How many terms of the arithmetic progression 40, 35, 30... be taken so that the sum is zero.  
 A) 10                      B) 15                      C) 17                      D) 21
69. The value of  $\frac{\sin 35^\circ}{\cos 55^\circ} + \frac{\tan 27^\circ}{\cot 63^\circ}$  is:  
 A) -1                      B) 0                      C) 1                      D) 2
70. If  $\sin A = \frac{\sqrt{3}}{2}$  then the value of  $2\cot^2 A - 1$  is:  
 A)  $\frac{1}{3}$                       B)  $-\frac{1}{3}$                       C)  $\frac{1}{2}$                       D)  $-\frac{1}{2}$
71. A cylinder and a cone have same base and same height. Then the ratio of their volumes is:  
 A) 1:3                      B) 1:2                      C) 1:1                      D) 3:1



72. The diameter of the spherical ball obtained by melting three solid metallic spherical balls of radii 3cm, 4cm and 5cm is:  
 A) 6 cm                      B) 8 cm                      C) 10 cm                      D) 12 cm
73. The area of the square that can be inscribed in a circle of radius 6 cm is:  
 A) 36 sq.cm                      B) 48 sq.cm                      C) 72 sq.cm                      D) 144 sq.cm
74. The top of two poles of height 16m and 10m are connected by a wire. If the wire makes an angle of  $60^\circ$  with the horizontal, then the length of the wire is:  
 A)  $12\sqrt{3}$  m                      B)  $4\sqrt{3}$  m                      C) 12 m                      D)  $6\sqrt{2}$  m
75. If  $\sin \theta - \cos \theta = \frac{1}{2}$  then the value of  $\sin 2\theta$  is:  
 A)  $\frac{1}{4}$                       B)  $\frac{3}{4}$                       C) 1                      D)  $\frac{7}{4}$
76. Out of 1000 staff in an office, 48% preferred coffee 54% tea and 64% fruit juice. Of the total, 28% used coffee and tea, 32% used tea and fruit juice and 30% used coffee and fruit juice. Only 6% used none of these. How many staff used all the three?  
 A) 140                      B) 160                      C) 180                      D) 280
77. If  $f(x) = \frac{1}{1-x}$ , then  $f^{-1}(x)$  is:  
 A)  $1 - x$                       B)  $1 - x^{-1}$                       C)  $\frac{x}{x-1}$                       D)  $x^{-1} - 1$
78. If a variable assumes values 1, 2, 3, 4 and 5 with frequencies 1, 2, 3, 4 and 5 respectively. Then what is the arithmetic mean of the variable?  
 A)  $\frac{11}{3}$                       B) 3                      C) 5.5                      D) 11
79. Complete the series 2, 12, 36, \_\_, 150.  
 A) 72                      B) 75                      C) 80                      D) 120
80. Some of the letters of the series a\_a\_c\_a\_b\_a\_b\_a\_c are missing which are given in that order in one of the alternatives given below. Choose the correct alternative.  
 A) bbab                      B) bacb                      C) bbcb                      D) abcb
81. If the time in the mirror image of a clock is 3 hours 30 minutes. Then the actual time shown by the clock is:  
 A) 9 hours 30 minutes                      B) 8 hours 30 minutes  
 C) 9 hours                      D) None of these

In questions **82** and **83**, choose the correct logical conclusions based on at least two of the statements given below but not from one statement alone.

Statement 1: All Dogs are Lions

Statement 2: All Lions are Cats

Statement 3: Some Cats are Tigers

82. A) All Dogs are Tigers      B) All Cats are Lions  
C) All Dogs are Cats      D) Both A & C
83. A) All Tigers are Cats      B) Some Cats are Dogs  
C) Some Lions are Tigers      D) None of these is correct.

Read the information given below and answer the questions **84** to **86**.

Six people P, Q, R, S, T and U have the following characteristics. P is richer than Q but shorter than U; R is poorer than S and taller than P; Q is richer than T but taller than U; S is poorer as well as shorter than T; T is poorer as well as shorter than P; U is richer than P and taller than R.

84. Who is the tallest?  
A) Q      B) R      C) S      D) U
85. Who is the richest?  
A) Q      B) P      C) S      D) U
86. Who is the poorest?  
A) U      B) R      C) Q      D) S

Read the following passage and examine each inference given in questions **87** to **90** in the context of this passage.

Some important observations about The World Economic Forum's (WEF) Global Risks Reports are given here. It's 2021 report placed environmental degradation as the top long-term risk for the second year in a row. The report identifies climate action failure as the most impactful risk and the second most likely long-term risk. It's 2006 report warned that a flu like pandemic in the future would impact travel, tourism, and other service industries, and pose long-term harm to investor risk appetites, global trade, and consumption demand. In 2020, COVID-19 resulted in severe human and economic costs, negatively impacted travels and all industries, threatening to scale back progress on reducing poverty and inequality and to further weaken global cooperation and social cohesion. An uneven recovery from the pandemic could further exacerbate inequality, the report cautions. Since the global pandemic became a reality, the report suggests the world has become more attuned to risk, which offers an opportunity to leverage this attention and identify more effective ways to communicate risk to decision makers.

87. The warning of WEF Global Risks Report 2006 about possible impacts of a flu like pandemic became true in 2020 with the outbreak of COVID 19.  
 A) definitely true B) probably true  
 C) definitely false D) data provided is inadequate
88. The 2021 report says the positive impact of the COVID19 pandemic is that the inequality could be considerably reduced.  
 A) definitely true B) probably true  
 C) definitely false D) data provided is inadequate
89. The reports addressed the possible solutions of environmental degradation.  
 A) definitely true B) probably true  
 C) definitely false D) data provided is inadequate
90. The COVID 19 pandemic is an opportunity to identify effective ways to communicate risks to the decision makers to take decisions to address the risks.  
 A) definitely true B) probably true  
 C) definitely false D) data provided is inadequate
91. If  $p$  and  $q$  are positive integers such that  $p^q = q^p$ , then which of the following statements is more correct?  
 A)  $p$  and  $q$  may be equal B)  $p$  may be greater than  $q$   
 C)  $p$  may be less than  $q$  D) All the above options are true
92. The ascending order of the numbers  $\sqrt[6]{7}$ ,  $\sqrt[7]{8}$ ,  $\sqrt[8]{9}$  is:  
 A)  $\sqrt[7]{8}$ ,  $\sqrt[8]{9}$ ,  $\sqrt[6]{7}$  B)  $\sqrt[6]{7}$ ,  $\sqrt[8]{9}$ ,  $\sqrt[7]{8}$  C)  $\sqrt[8]{9}$ ,  $\sqrt[7]{8}$ ,  $\sqrt[6]{7}$  D)  $\sqrt[6]{7}$ ,  $\sqrt[7]{8}$ ,  $\sqrt[8]{9}$
93. If  $a$ ,  $b$ ,  $c$  are three numbers in geometric progression, then which of the following is true?  
 A)  $b = \frac{a+c}{2}$  B)  $b = \sqrt{ac}$  C)  $b = \frac{ac}{2}$  D)  $b = ac$
94. If  $x:y = z:w = 4.5:2.5$ , then the value of  $(x+z)/(y+w)$  is:  
 A)  $\frac{5}{9}$  B)  $\frac{45}{4}$  C)  $\frac{9}{5}$  D) None of these
95. The value of  $\log 0.00001$  to the base 0.1 is:  
 A) 5 B) -5 C)  $\frac{1}{5}$  D) 4
96. If  $2^x = 3^y = 12^z$ , then the value of  $xy - z(x+2y)$  is:  
 A) 3 B) 2 C) 1 D) 0
97. A number consisting of two digits is four times the sum of its digits. If nine times of the difference of digits added to the number its digits are reversed. Then the number is:  
 A) 24 B) 36 C) 48 D) All of these

98. A shop owner has 1000 bottles of soft drinks in his store and wishes to distribute them in a month. From experience it is known that the demand of the number of bottles, D in a month is given by  $D = -1000p^2 + 2000p + 9000$ , where p is the price in rupees per bottle. Then what is the price per bottle that will result zero inventory?  
 A) Rs. 5                      B) Rs. 4                      C) Rs.3                      D) Rs.2
99. If eleven teams are participating in a quiz contest, then the number of ways the first, second and third positions may be won as:  
 A) 165                      B) 445                      C) 990                      D) None of these
100. The number of arrangement of the letters of the word FAILURE, so that vowels are always coming together is:  
 A) 576                      B) 288                      C) 1152                      D) 432

Qns. **101-106.** Fill n the blanks using the correct options:

101. They saw the snow mountains towering---- them.  
 A) on                      B) above                      C) over                      D) across
102. We can scarcely afford the rent, -----?  
 A) do we?                      B) don't we?                      C) can we?                      D) can't we?
103. One of the players---- injured during the match.  
 A) have                      B) were                      C) was                      D) are
104. A synonym for the word *claim* is-----.  
 A) negate                      B) contention                      C) repudiate                      D) abjure
105. Complete the following sentence using the appropriate clause.  
 You should work hard, lest-----.  
 A) you fail                      B) you will not fail  
 C) you should fail                      D) you should not fail
106. In mathematics ----- accuracy is essential.  
 A) A                      B) An                      C) The                      D) None of these
107. Choose the suitable phrasal verb for the word given in italics:  
 Our government is trying its best to *abolish* untouchability.  
 A) do away with                      B) get off                      C) do off                      D) get over
108. Change the following sentence into indirect speech.  
 The carpenter told me, "I will complete the furniture in two days".  
 A) The carpenter told me that he will complete the furniture in two days.  
 B) The carpenter told me that he would complete the furniture in two days.  
 C) The carpenter told me that he would be completing the furniture in two days.  
 D) The carpenter told me that he will be completing the furniture in two days.



109. Arrange the jumbled sentences in order to make a paragraph.
1. But Cassius did not like this, and plucking Brutus by the sleeve said, 'Brutus, a word with you'.
  2. He said that it was not a good idea to let Antony speak, as the people might be moved by his words.
  3. Mark Antony asked Brutus to grant him permission to make an oration at Caesar's funeral; and Brutus readily gave it to him.
  4. He led Brutus away and told him quietly, 'You know not what you do'.
- A) 3, 2, 1, 4    B) 3, 4, 2, 1    C) 3, 1, 4, 2    D) 3, 2, 4, 1
110. Convert the sentence into passive voice:  
Everyone had warned me about the weather before I went to Scotland.
- A) I had been warned about the weather before I went to Scotland.
  - B) I was warned about the weather before I went to Scotland.
  - C) I had warned about the weather before I went to Scotland.
  - D) I was being warned about the weather before I went to Scotland.
111. Spot the error in the underlined sections of the sentence given below:  
If it rain, /we shall not /play the match. No error.
- A                      B                      C                      D

Read the following passage and answer the Questions from 112-115.

I sat yesterday morning employed in deliberating on which, among the various subjects that occurred to my imagination, I should bestow the paper of today. After a short effort of meditation by which nothing was determined, I grew every moment more irresolute, my ideas wandered from the first intention, and I rather wished to think, than thought upon any settled subject; till at last I was awakened from this dream of study by a summons from the press: the time was come for which I had been thus negligently purposing to provide, and, however dubious or sluggish, I was now necessitated to write.

Though to a writer whose design is so comprehensive and miscellaneous that he may accommodate himself with a topic from every scene of life, or view of nature, it is no great aggravation of his task to be obliged to a sudden composition; yet I could not forbear to reproach myself for having so long neglected what was unavoidably to be done, and of which every moment's idleness increased the difficulty. There was however some pleasure in reflecting that I, who had only trifled till diligence was necessary, might still congratulate myself upon my superiority to multitudes who have trifled till diligence is vain; who can by no degree of activity or resolution recover the opportunities which have slipped away; and who are condemned by their own carelessness to hopeless calamity and barren sorrow.

112. The word carrying the meaning 'doubtful' from the passage is:
- A) deliberate    B) summons    C) dubious    D) sluggish



113. The word opposite in meaning to 'lazy' from the passage is:  
A) summons B) sluggish C) idleness D) diligence
114. The word closer in meaning to *keep oneself from doing something* is:  
A) bestow B) negligent C) oblige D) forbear
115. The writer congratulates himself for:  
A) Summons from the press  
B) Superiority to recover the opportunities  
C) Reproaching himself to idleness  
D) Selecting topics from everyday life
116. The first tourist astronaut of India:  
A) Sunitha Williams B) Rakesh Sharma  
C) Raju Chari D) Gopi Thotakura
117. Winner of the 'Purple Cup' in the Indian Premier League 2024:  
A) Harshit Rana B) Virat Kohli  
C) Harshal Patel D) Michel Starc
118. Hepatitis B infection is caused by:  
A) Bacteria B) Virus C) Fungi D) Parasites
119. Director of the film 'All We Imagine as Light' which won the Grand Prix Award in Cannes film festival 2024:  
A) Anasuya Sengupta B) Chayya Kadam  
C) Payal Kapadia D) Kani Kusruti
120. The 'Unnati MSME Scheme' of the government of Kerala provides:  
A) A sum of 10 lakhs to women graduate  
B) A sum of 60 lakhs to chosen Adivasi and Dalit individuals only  
C) Free land to chosen entrepreneur  
D) A sum of 50 lakhs to chosen owners of entrepreneur
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