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RAMACRISNA MADEVA SALGAOCAR HIGHER SECONDARY SCHOOL
MARGAO-GOA**

STD: XI(CT) FIRST TERM EXAMINATION, OCTOBER 2023
DATE: 20/10/2023 SUB: SOFTWARE TECHNOLOGY

MARKS: ~~40~~
TIME: 2 HRS.

Instructions:

- (1) Write the number of the questions and sub questions clearly.
- (2) All questions are compulsory.
- (3) Figures to the right indicate full marks.
- (4) Section A consists of question no. 1 to 6 of one mark each.
- (5) Section B consists of question no. 7 to 11 of two marks each.
- (6) Section C consists of question no. 12 to 15 of three marks each.
- (7) Section D consists of question no. 16 to 18 of four marks each .
- (8) Section D consists of internal choice .

SECTION A

Question numbers from 1 to 6 carry 1 mark each:

1x6=6

1. The language processor that translates the complete source program in one go is _____.
2. The Operating System that allows many users to access the data and application at the same time is _____.
3. The symbol in flow chart that connects two or more parts of flow chart on the same page at different places is known as _____.
4. A sequence of instruction that performs a particular task is known as _____.
5. The Python programming language was created by _____.
6. The data type that is made up of two floating point values is _____.

SECTION B

Questions numbers from 7 to 11 carry 2 marks each:

2x5=10

7. Write a program to print the following series and sum of it using while statement.
(3,6,9.....n)
8. Write a short note on Operating System.
9. Briefly explain String as data type.
10. Differentiate between algorithm and flowchart giving one point each.
11. Write a algorithm to print average of six subject marks.

SECTION C

Questions numbers from 12 to 16 carry 3 marks each:

3x4=12

12. Draw a flow chart to print the following series and print sum of it.
(1, 3, 5.....n)
14. Explain "If else If" statement with its syntax.
15. Explain any three good programming habits.
16. Write a program to print Even and Odd numbers from N inputed number using while statement.

SECTION D

Question numbers from 17 to 19 carry 4 marks each:

4x3=12

17. Write a program to input three integer values and print largest value.
 18. Explain Relational Operators with example.
 - 19 a. Explain any four characteristics of programming.
- OR
- 19 b. Explain the Problem Solving Process.
