STD: XI(CT)	MID TERM EXAM, AUGUST 2024	MARKS:20
DATE:08/08/2024	SUB: SOFTWARE TECHNOLOGY	TIME:1HR.

INSTRUCTIONS:

1. All the questions are compulsory

2. There are three sections in this question paper(A,B & C)

3. In section A there are four questions of which questions

   ---question no.1 & 2 are multiple choice questions,

   --- question no. 3 & 4 is to be answered in a sentence

4. Figures to the right indicate marks alloted to each question

5. Answer any two questions from SECTION C

SECTION A

1. Every Variable in Python has a _____ . (01)
   - A) Integer
   - B) Variable
   - C) Sequence
   - D) Data type

2. A set of programs forms a _____ . (01)
   - A) Flow chart
   - B) Programs
   - C) Software
   - D) OS

3. What is an Algorithm ? (01)

4. What is a Variable? (01)

SECTION B

5. Briefly explain Iterative Statement algorithm and Selective Statement algorithm. (02)

6. Draw a flow chart to print the following series and sum of it.
   (4, 7, 10……..n) (02)

7. Briefly explain Real Time Operating System. (02)

8. State any four features of Python Programming. (02)

9. Differentiate between Single User OS and Multi User OS. (02)

SECTION C (ANY TWO)

10. Explain following: (03)
    A) Interpreter   B) compilor   C) Time sharing OS

11. Explain Assignment operator. (03)

12. Explain different Sequence data types. (03)

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