

VVM's
R. M. Salgaocar Higher Secondary School
Margao Goa
Mid Term Examination, July 2025
Sub: Software Technology

Std: XI (CT)

Mrks: 20

Date: 26/07/2025

Time: 1 hr.

INSTRUCTIONS:

1. All 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:
 - a) question no. 1 & 2 are multiple choice questions.
 - b) question no. 3 & 4 is to be answered in a sentence.
 4. Figures to the right indicate mark allotted to each questions.
 5. Answer any two questions from SECTION C
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SECTION A

- Q1. Writing Step by step process to solve any problem is termed as _____. (01)
- a) Program
 - b) Algorithm
 - c) Flow chart
 - d) Variable
- Q2. An operating System where users can communicate with each other is _____ (01)
- a) Real time operating system
 - b) Time sharing operating system
 - c) Single user Operating system
 - d) Multi user Operating system
3. What is System Software? (01)
4. What is flow chart? (01)

SECTION B

- Q5. Draw a flow chart to print following series and sum if it. (02)
(1, 5, 9.....N)
- Q6. Differentiate between iterative algorithm statement and selective algorithm statement. (02)
- Q7. Write a short note on Language Processor. (02)
- Q8. Briefly explain Real Time Operating System. (02)
- Q9. Draw a flow chart to exchange between the inputed values to variable Num1 and Num2. (02)

SECTION C (ANY TWO)

- Q10. Differentiate between Compiler and Interpreter giving three points each. (03)
- Q11. Explain Number data type. (03)
- Q12. State six features of Python Programming. (03)
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