CLASS: **B.Sc. (A&M)**   **SEMESTER : III**
BRANCH: **A&M**   **SESSION : MO/2023**

SUBJECT: AM203 BASICS OF PROGRAMMING

TIME: **02 Hours**   **FULL MARKS: 25**

INSTRUCTIONS:
1. The question paper contains 5 questions each of 5 marks and total 25 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
***4*. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates**

			CO	BL
Q.1(a)	What is a program? Write name of few high-level programming languages.	[2]	1	1
Q.1(b)	Discuss the algorithm to find the sum of two integers.	[3]	1	4
Q.2(a)	Discuss any four applications of programming languages.	[2]	1	2
Q.2(b)	Explain the different hardware components to run a computer program.	[3]	1	2
Q.3(a)	Differentiate between compiler and interpreter.	[2]	2	4
Q.3(b)	Explain the basic structure of C programming language.	[3]	2	3
Q.4(a)	Explain the need of comments in C programming language.	[2]	2	3
Q.4(b)	Discuss the different data types available in C programming language.	[3]	2	2
Q.5(a)	Discuss arithmetic operators available in C programming language.	[2]	3	2
Q.5(b)	Write a C program to find sum, subtraction, multiplication of two integers.	[3]	3	5

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