MORADABAD INSTITUTE OF TECHNOLOGY

Class Test – I
Program – BCA
Semester - I

Subject Name: Information System
Subject Code: BBC102

M.M:20
Duration: 60 minutes

Q. No.	1	2	3	4	5	6	7
CO	2	1	1	1	2	1	2
Bloom's level	K_3	K_2	K_2	K_2	K_3	K_2	K_3

CO1	Understand the concepts of information systems and its types.
CO2	Analyze the basic structure of management information system and its relevance to information systems.

SECTION (A)

Attempt all questions. Each question carries 2 marks. ***(5*2=10)***

1. *Explain concept of Decision Support Systems (DSS) in managerial decision-making.*
2. *Describe maintenance required for Information system .*
3. *Describe components of Information system .*
4. *Differentiate MIS and data processing .*
5. *Describe Management Information System .*

SECTION (B)

Attempt all the questions. Each question carries 5 marks. ***(2*5=10)***

6. *Describe types of Information System.*
7. *Explain role of Information System in solving business problems with examples .*

MORADABAD INSTITUTE OF TECHNOLOGY

Program -BCA
Class Test- 1st
(Semester-I)
Session-2025-26

SubjectName:PROBLEM SOLVING USING C **M.M:20**
SubjectCode:BBC103 **Duration: 60minutes**

Q. No.	1	2	3	4	5	6	7
CO	CO1	CO1	CO2	CO1	CO2	CO2	CO1
Bloom's level	K1	K1	K2	K2	K2	K3	K3

CO1	Describe the functional components and fundamental concepts of a digital computer system including number systems. K1, K2
CO2	Construct flowchart and write algorithms for solving basic problems. K2, K3

SECTION (A)

Attempt all questions. Each question carries2marks.

1. What are keywords and identifiers in C? Give examples.
2. Explain standard input and output functions in C.
3. Differentiate between while and do-while loops with examples.
4. Explain the structure of a C program with a simple example.
5. Define function prototype and explain its importance.

SECTION (B)

Attempt all the questions. Each question carries5marks.

6. Write a C program to find the largest of three numbers using if-else. Draw its flowchart.

7. Explain various approaches to problem solving in programming. Discuss each approach with suitable examples and highlight how these approaches help in systematic program development.

MORADABAD INSTITUTE OF TECHNOLOGY

Program- BCA
Class Test- 1st
(Semester- 1st)
Session-2025-26

Subject Name: Fundamentals of Computer **M.M.: 20**

Subject Code: BBC101 **Duration: 60 minutes**

Q. No.	1	2	3	4	5	6	7
CO	CO1	CO1	CO1	CO2	CO2	CO1	CO2
Bloom's level	K1	K1	K2	K2	K2	K2	K2

CO1	Understand the basics of computer system and its functional units.
CO2	Examine memory hierarchy, cache memory and CPU memory interaction.

SECTION (A)

Attempt all questions. Each question carries 2 marks. *(2*5=10)*

1. Write any **two limitations of computers** with brief explanation.
2. Name any two **output devices** and write one line about their use.
3. Differentiate between **hardware** and **software** (one line each).
4. Explain **primary memory** and **secondary memory** in one line each.
5. Why is **cache memory** faster than main memory?

SECTION (B)

Attempt all the questions. Each question carries 5 marks. *(5*2=10)*

6. Explain the **generations of computers** with key features of each generation.
7. Describe the **types of memory** in detail (Primary, Secondary, Cache, Virtual).