

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: BBA/IMBA/BSC
BRANCH: MANAGEMENT/BA

SEMESTER : I
SESSION : MO/2025

SUBJECT: MN25118 INTRODUCTION TO COMPUTING

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)	Discuss the characteristic of a computer.?	[2] 1	1
Q.1(b)	What is machine language. Do we still use it.?	[3] 1	2
Q.2(a)	How do you differentiate a compiler and an interpreter.?	[2] 1	2
Q.2(b)	On the basis of application, classify the programming languages. Give suitable example of each.?	[3] 1	2
Q.3(a)	What is base or radix of number system. With the help of this system, brief various types of number systems.?	[2] 2	1
Q.3(b)	Explain the process of converting a binary number into decimal and vice versa. Give suitable example for each.?	[3] 2	2
Q.4(a)	Determine the octal equivalent of (7B.64D) ₁₆ .?	[2] 2	2
Q.4(b)	Determine the decimal equivalent of (237.04) ₈ and (A1E2) ₁₆ .?	[3] 2	3
Q.5(a)	Perform binary addition (10101011 + 01111111).?	[2] 3	2
Q.5(b)	How can two numbers be subtracted only through addition. Explain with an example.?	[3] 3	1

.....22/09/2025.....E