

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

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

**SEMESTER : I
SESSION : MO/2025**

SUBJECT: MN25118 INTRODUCTION TO COMPUTING

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q.1(a)	Discuss the important features and uses of computers.?	[5] 1	1
Q.1(b)	How does a machine language differ from assembly language. Explain.?	[5] 1	2
Q.2(a)	What is the base or radix of a number system. Compare various number systems on the basis of their base.?	[5] 2	1
Q.2(b)	(i) Convert $(10101001)_2$ into a decimal number.? (ii) Convert $(0.29)_{10}$ into its binary equivalent.?	[5] 2	2
Q.3(a)	How can two numbers be subtracted only through addition. Explain with an example.?	[5] 3	2
Q.3(b)	(i) Multiply (111010×101) (ii) Divide $(1001/11)$	[5] 3	2
Q.4(a)	What is ROM. Differentiate EPROM and EEPROM.?	[5] 4	1
Q.4(b)	What types of memories are available in the computer systems. How they are organized in a hierarchy.?	[5] 4	2
Q.5(a)	What is internet. How does it differ from world wide web.?	[5] 5	1
Q.5(b)	Why do we need an operating system. State its uses.?	[5] 5	2

:24/11/2025:E