CLASS: BBA/IMBA   SEMESTER : 1ST
BRANCH: BBA/IMBA   SESSION : MO/2024

SUBJECT: MN101 FUNDAMENTALS OF 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

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Q.1(a)	What is a computer, and what are its characteristics?	[2]	1	2
Q.1(b)	Describe various components of a basic computer system.	[3]	1	2
Q.2(a)	Define programming language. Explain the different characteristics of a good programming language.	[2]	1	2
Q.2(b)	What are various types of programming languages?	[3]	1	2
Q.3(a)	What are ASCII and UNICODE?	[2]	2	3
Q.3(b)	Convert decimal numbers 163 and 255 into binary, octal, and hexadecimal numbers	[3]	2	3
Q.4(a)	Convert the decimal number 132.25 into a binary number	[2]	2	2
Q.4(b)	Convert binary number 10011101 into decimal, octal, and hexadecimal numbers.	[3]	2	3
Q.5(a)	Find one's and two's complement of 101010 and 10000	[2]	3	3
Q.5(b)	Solve:	[3]	3	3

Q.5(b) Solve:
     i.   10111+ 1011
     ii.   101000 – 1001
     iii.   101101- 10111