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

CLASS: BMLT   SEMESTER: 1ST
BRANCH: BMLT   SESSION : MO/2024

SUBJECT: BMT109 COMMUNICATION AND PROFESSIONAL SKILL

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)	Write any two definition of communication?	[2]	1	1
Q.1(b)	Write and explain the process of communication?	[3]	1	2
Q.2(a)	Write the Nature of communication?	[2]	1	2
Q.2(b)	Describe the types of Non verbal communication?	[3]	2	3
Q.3(a)	Write Synonyms of the following words Amiable, Blossom	[2]	1	2
Q.3(b)	Write the Antonyms of the following words Halt, Penchant, Excel	[3]	2	1
Q.4(a)	Write the one word substitution for the following Easily convinced, cheated and gulled	[2]	1	2
Q.4(b)	Write the missing prefix for the given sentence 1. The Taj Mahal is a symbol of the mortal love of two people. 2. Write the suffix that is not suitable for the word 'Prevent'? 3. Write the correct prefix to 'adventure'.	[3]	1	3

Q.5(a)   Write the summary of the Passage.   [5]   3   4
Artificial Intelligence (AI)
Artificial Intelligence, abbreviated as Al refers to the simulation of human
intelligence in machines that are programmed to think and learn like humans. This
technology encompasses various subfields, including machine learning natural
language processing, and robotics

Al systems are designed to perform tasks that typically require human intelligence
such as understanding natural language, recognizing patterns, solving problems and
making decisions.

Machine learning a subset of Al involves teaching computers to learn from data For
example , when you use a search engine, it learns from the vast amount of data it
processes to provide you with the most relevant results. Another subfield natural
language processing enables machines to understand and respond to human
language, which is now virtual assistants like Siri and Alexa operate.

Al has diverse applications across different industries. In healthcare, Al algorithms
can analyze medical images to detect diseases at an early stage in finance, Al helps
in fraud detection by identifying unusual patterns in transactions Autonomous
vehicles use Al to navigate and make real-time decisions on the road. Additionally.
Al is employed in customer service to provide instant responses through chatbots

Despite its many benefits, Al also poses certain challenges. Ethical considerations
such as data privacy and the potential for job displacement

::::::25/10/2024::::::E