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Ramacrisna Madeva Salgaocar Higher Secondary School, Margao.
First Term Theory Examination October 2024
Sub: Artificial Intelligence

STD: XI

Stream: (General / Vocational)

Date: 18/10/2024

Max Marks: 20

Duration:- 1 Hr

Instructions:

1. All questions are compulsory
2. The figures against each question indicates full marks.

Q. I) Select and write the most correct alternative from those given below each statement.

- 1) Artificial Intelligence was first coined by _____ in 1956 at the Dartmouth Conference. [1]
 - Harold Cohen
 - John McCarthy
 - Alan Turing
 - Isaac Asimov
- 2) In a Python program, the _____ statement is used to take input from the user. [1]
 - Input()
 - Logical
 - Tuple
 - Print()
- 3) Narrow AI is designed to perform a _____ task. [1]
 - Setting goals
 - Variety
 - Numerical
 - Single
- 4) Ignoring irrelevant details and focusing on the important part is _____. [1]
 - Decomposition
 - Abstraction
 - Pattern Recognition
 - Intelligence
- 5) Type of machine learning that process a wider range of data resources requiring less data processing by humans is _____. [1]
 - Deep Learning
 - Supervised Learning
 - Unsupervised Learning
 - Reinforcement Learning

Q. II) Answer the following questions in about 25-30 words each.

- 1) Define Intelligence? [2]
- 2) What is Robotics? [2]
- 3) Write any two advantages of Artificial Intelligence. [2]
- 4) What is Jupyter Notebook ? [2]

Q. III) Answer the following question in about 35-40 words.

- 1) Write any three components of good Artificial Intelligence. [3]

Q. IV) Answer the following questions in about 50-60 words each.

- 1) What is the difference between interactive mode and script mode in Python? [4]

OR

State and explain different data types in Python.
