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Ramacrisna Madeva Salgaocar Higher Secondary School, Margao.
Second Term Theory Examination March 2024
Sub: Artificial Intelligence
Std: XI

Stream:- (General / Vocational)
Date: 05/03/2024

Max Marks:- 30
Duration:- 1 1/2 Hrs

Instructions:

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

Q. 1) Select and write the most correct alternative from those given below each statement.

- 1) Else statement can be used with _____ . [1]
 - if
 - while
 - Both a and b
 - None of these
- 2) A group of statement at the same indentation is called _____ . [1]
 - Indentation
 - Expression
 - Block
 - String
- 3) Artificial Intelligence is _____ . [1]
 - Psychology
 - Linguistics
 - Neuroscience
 - A combination of all of these
- 4) The computer takes a decision based on _____ . [1]
 - Our feelings
 - Data fed
 - On its own
 - Depending on situations
- 5) The last layer of neuron is the _____ . [1]
 - Hidden layer
 - Input layer
 - Data layer
 - Output layer

Q. II) Answer the following questions in one sentence only.

- 1) What is Neural Network? [1]
- 2) How is AI useful in criminal detection? [1]
- 3) In which year SDGs came into effect. [1]
- 4) What is iteration? [1]
- 5) How many conditional statements are there in Python? [1]

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

- 1) How many stages are there in the evolution of AI's capabilities?
Explain any two stages. [3]
- 2) Write any three applications of Artificial Neural Network. [3]
- 3) How does SDG1 aim to eradicate poverty? [3]
- 4) What is strings? Explain any three strings function. [3]

OR

What is the difference between the while and while-else statements?

Q. IV) Write short notes for the following.

- 1) AI-based Assistants [2]
- 2) Google [2]
- 3) Robotics Scientist [2]

Q. V) Write Python program for the following. [2]

- 1) Write a program to find the largest number from the two user input numbers.

OR

Write a program to print the table of 2.
