

Vidya Vikas Mandal's
Ramacrisna Madeva Salgaocar Higher Secondary School, Margao.
Second Term Theory Examination March 2025
Sub: Artificial Intelligence
Std: XI

Stream:- (General / Vocational)
Date: 11/03/2025

Max Marks:- 20
Duration:- 1 Hr

Instructions:

1. 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) The loop that never ends is called an _____ . [1]
 - For loop
 - while loop
 - Infinite loop
 - None of these
- 2) Synapses are the connection between axon and _____ . [1]
 - Dendrites
 - Neurons
 - Axons
 - Cell body
- 3) Which will you select when many options are there and you need to select one out of these? [1]
 - if
 - if.....else
 - elif
 - for
- 4) Sustainable Development Goal 3 focuses on _____ . [1]
 - Healthy life and lifestyle for all
 - Quality education for all
 - Aims to achieve zero hunger
 - Remove all the gender-based discrimination
- 5) AI is created and maintained by a human so it creates demand for _____ . [1]
 - Programmers
 - Engineers
 - Machine-learning experts
 - All of these

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

- 1) What is a String? [2]
- 2) Write a short note on AI in India's Healthcare. [2]
- 3) How does SDG1 aim to eradicate poverty? [2]
- 4) What is the difference between while loop and for loop. [2]

Q. III) Answer the following question in about 35-40 words. [3]

- 1) Write any three applications of artificial neural network.

Q. IV) Answer the following questions in about 50-60 words each. [4]

- 1) How many types of skills are required to pursue a career in the field of AI? Explain any one in detail.

OR

Write about any four leading AI companies.
