Class IX

Artificial Intelligence (417)

Chapter- Introduction to Artificial Intelligence

Assignment

Q 1- Multiple Choice questions

1. A technique that was developed to determine whether a machine could or could not demonstrate the artificial intelligence known as the___

    a. Boolean Algebra

    b. Turing Test

    c. Logarithm

    d. Algorithm

2. An AI agent perceives and acts upon the environment using___.

    a. Sensors

    b. Perceiver

    c. Actuators

    d. Both a and c

3. The PEAS in the task environment is about_____.

    a. Peer, Environment, Actuators, Sense

    b. Performance, Environment, Actuators, Sensors

    c. Perceiving, Environment, Actuators, Sensors

    d. None of the above

4. The main tasks of an AI agent are_____.

    a. Input and Output

    b. Moment and Humanly Actions

    c. Perceiving, thinking, and acting on the environment

    d. None of the above

5. The best AI agent is one which_____

    a. Needs user inputs for solving any problem

    b. Can solve a problem on its own without any human intervention

     c.   Need a similar exemplary problem in its knowledge base

     d.   All of the above

a. Define three domains of Artificial Intelligence with examples?

b. Explain the history of Artificial Intelligence?

c. Why Government is adopting Artificial Intelligence?

d. How Artificial Intelligence is affecting the privacy of humans? Explain briefly

e. What is the purpose of Artificial Intelligence?