21CSC4G2BL

Sl. No.

M.Sc. IV Semester Degree Examination, Sept./Oct. - 2024
COMPUTER SCIENCE
Artificial Intelligence
(NEP)

Time : 1 Hour   Maximum Marks : 30

SECTION - A

Answer **all** the following questions. Each question carries **equal** marks.   **5x1=5**

1. (a) What is Artificial Intelligence (AI) ?

    (b) Who coined the term "Artificial Intelligence" ?

    (c) Give an example of a task that AI can perform.

    (d) Name one popular virtual assistant developed by Apple.

    (e) Which company developed Google Maps ?

SECTION - B

Answer **any five** of the following questions. Each question carries **equal** marks.

5x2=10

2. List out the Goals of AI.

3. Discuss the techniques of AI.

4. List out the key components of AI.

5. Provide two examples of real-world applications of AI.

6. List out the types of robot locomotion.

7. Explore the components of robots.

8. Discuss the applications of robots.

SECTION - C

Answer **any three** of the following questions. Each question carries **equal** marks.

3x5=15

9. Differentiate between Programming a computer without and with AI.

10. Write a note on History of AI.

11. Explain the role of AI in Virtual Assistance.

12. Compare Human intelligence and Artificial intelligence.

13. Write a note on robotics.

- o 0 o -