**DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY**

**(AUTONOMOUS)**

**(Approved by AICTE, Affiliated by JNTU, Kakinada)**

**GANGURU::VIJAYAWADA – 521 139**

**Department of CSE-AI&ML**

**Set No: I**

Name of the program : B.Tech in Artificial Intelligence and Machine Learning

Name of the Course : Artificial Intelligence

Year &Semester : II -I Name of the Exam : Class Test-I

Exam Weight age : 100 % Academic year : 2023-24

Duration : 70 Min Date :06/08/2024

Name of the Faculty : Mrs.A.Sri Chaitanya

|  |  |
| --- | --- |
| Course Outcome | Blooms Taxonomy Levels |
| Apply the principles of problem solving agents to formulate and structure problems | Application (L3) |

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**1**.a) Explain the following with examples.

i) History of AI ii) AI problems iii) problem solving agents

**[BTL2,Understanding, PO1/PSO 1,2 --- 10M]**

**` 2.** Explain types of Environments and Applications of AI?

**[BTL2,Understanding, PO1/PSO 1,2 --- 10M]**

**3.**Explain concept of Agents and Types of agents?

**[BTL2,Understanding, PO3/PSO 1,2 --- 10M]**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*All The Best\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Scheme of Evaluation:**

1. i) History of AI 3M iii) AI problems 3M iii) problem solving agents 4M

2. Types of Environments 5M, Application of AI 5M

3. Concept of Agents 5M ,Types of agents 5M

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**Department of CSE-AI&ML**

**Set No: II**

Name of the program : B.Tech in Artificial Intelligence and Machine Learning

Name of the Course : Artificial Intelligence

Year &Semester : II -I Name of the Exam : Class Test-I

Exam Weight age : 100 % Academic year : 2023-24

Duration : 70 Min Date :06/08/2024

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| --- | --- |
| Course Outcome | Blooms Taxonomy Levels |
| Apply the principles of problem solving agents to formulate and structure problems | Application (L3) |

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**1**.a) Explain types of Agent and Environments?

**[BTL2,Understanding, PO1/PSO 1,2 --- 10M]**

**2.** Define AI ? Explain foundation of AI , concept of rationality?

**[BTL2,Understanding, PO1/PSO 1,2 --- 10M]**

**3 .**Explain the steps of problem formulation with examples.

**[BTL2,Understanding, PO1/PSO 1,2 --- 10M]**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*All The Best\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Scheme of Evaluation:**

1.types of Agents 5M, types of Environments 5M

2.Define AI 3M , foundation of AI 5M, concept of rationality 2M

3. steps of problem formulation 5M,Explaination of Examples 5M