

**UNIT – I**

2. (a) Describe "Laws of Thoughts" approach in detail, 15  
(b) Explain history of AI in detail.
3. Describe the AI problem solving techniques in detail. 15

**UNIT – II**

4. (a) What is Big data for machine learning explain in detail ? 15  
(b) What is Leveraging AI Machine Learning.
5. Explain the following : 15  
(a) Types of Machine Learning  
(b) Deep Learning

**UNIT – III**

6. Describe the following : 15  
(a) Computer Vision  
(b) Reinforcement Learning
7. Explain the applications of AI in low resources communities, Public safety and security. 15

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**UNIT – IV**

8. Describe the role of Artificial Intelligence in society. 15
9. Explain the following : 15  
(a) Logical function using Excel  
(b) Charts

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Roll No. ....

**3156**

**B. Tech. 4th Semester (CSE Data Science)  
Examination – May, 2023**

**FUNDAMENTAL OF AIML**

**Paper : PCC-CSE-254-G**

*Time : Three hours ]*

*[ Maximum Marks : 75*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. All questions carry equal marks.

1. Write short notes on the following : 15
- (a) AI
  - (b) Decision Tree
  - (c) Neural Network
  - (d) IOT
  - (e) MS-Excel
  - (f) Interpretability