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B.Tech (CSE Data Science) 4th Semester (G-Scheme)
Examination, July-2022
FUNDAMENTAL OF AIML
Paper- PCC-CSE-254-G

Time allowed : 3 hours]

[Maximum marks : 75

Note : *Attempt five question in all, selecting one from each unit. Question No.1 is compulsory.*

1. Write short note on following:

(i) Turing Test

(ii) Clustering

(iii) Reinforcement Learning

(iv) NLP

(v) MS-Excel

(vi) Interpretability 15

Unit-I

2. What is Cognitive Model. Also explain the three cognitive skills of AI. 15

3. Explain the following

(i) Level of human Intelligence

(ii) History of AI. 15

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Unit-II

4. (i) What do you mean by machine Learning. Explain in detail.
- (ii) What is the difference between Descriptive and Predictive Analytics. 15
5. Describe the following:
- (i) Deep Learning
- (ii) Type of machine Learning Algorithms 15

Unit-III

6. Explain the following
- (i) Natural Language Processing
- (ii) Internet of things. 15
7. Describe the applications of AI in following domains.
- (i) Public Safety and security
- (ii) Entertainment 15

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Unit-IV

8. Describe the following:
- (i) Explainable AI
- (ii) Digital Security 15
9. Explain the following
- (i) Analyzing Data with Excel
- (ii) Charts 15

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