

24218

IV SEMESTER B.Sc./BBA/B.Com EXAMINATION, JULY/AUGUST 2023

SCHEME: SEMESTER (NEP)

COMPUTER SCIENCE

255

ARTIFICIAL INTELLIGENCE - SEC

Time: 1 Hour

Max Marks: 30

Instructions to Candidate: Answer the following questions.

1. Answer All the questions. 10x1=10
- a) AI stands for CO1 LL1
- i) Automatic Intelligence                      iii) Artificial Intelligence  
ii) Artificial Information                      iv) None of these
- b) Azure is a platform which provides CO1 LL1
- i) Cloud services    ii) Clustering    iii) Data analysis    iv) All of these
- c) Azure is a platform provided by CO1 LL1
- i) Oracle    ii) Google    iii) Microsoft    iv) IBM
- d) Which one is the type of unsupervised machine learning? CO1 LL1
- i) Regression    ii) Clustering    iii) Classification    iv) All the above
- e) NLP stands for CO1 LL1
- i) Natural Language Procedure  
ii) Natural Language Processing  
iii) Natural Language Publishing  
iv) Natural Language Production
- f) Which of the following helps to give a single view of extremely Critical Business data CO1 LL1
- i) Power BI                      ii) Azure data bricks  
ii) Azure HD insight    iv) Azure data lake
- g) Data Analysis is a process of CO2 LL1
- i) Inspecting data                      iii) Transforming data  
ii) Cleaning data                      iv) All of these
- h) Choose the correct keyword for this definition Graphical representation of dataset. CO2 LL1
- i) Data set                      iii) Visualization  
ii) Investigative cycle                      iv) None of these

PTO

- i) Potential use of computer vision is CO2 LL1  
i) Text Extraction iii) None the these  
ii) Cognitive services iv) Both (i) & (ii)
- j) BI stand for CO2 LL1  
i) Big Information iii) Business Infrastructure  
ii) Business Intelligence iv) Business Information

2. Answer ALL the questions. 2x5=10  
a) Define Machine Learning. Briefly explain the types of Machine Learning. CO1 LL2  
b) What are the key areas used during the data analysis process? CO2 LL2

3. Answer any ONE question. 1x10=10  
a) Explain the Natural Language Processing in detail. CO1 LL1  
b) Explain the classification of core components of Analysis. CO2 LL2

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