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COMAISN 301



**Third Semester Common to All U.G. Courses Degree
Examination, December 2023/January 2024
(NEP-2020) (2022-2023 Batch)
COMPUTER SCIENCE
Skill Enhancement Course
Artificial Intelligence**

Time : 2 Hours

Max. Marks : 30

SECTION – A

Answer **all** the questions :

(10×1=10)

1. What is NLP ?
2. What is text classification ?
3. What is conversational AI ?
4. What do you mean by Language resource ?
5. What is Anomaly detection ?
6. What is knowledge mining ?
7. Who is a business analyst ?
8. What is regression ?
9. Name any two statistical functions in Power BI.
10. What is feature vector ?

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SECTION – B

Answer **any five** questions :**(5×2=10)**

1. Explain the types of machine learning.
2. What do you mean by Cognitive services ?
3. What are computer vision models and capabilities ?
4. When might you see NaN returned for a score in language detection ?
5. How machine learning works ?
6. What is Azure machine learning studio ? Explain briefly.
7. What are the challenges and risks with AI ?
8. What is query diagnostics ?

SECTION – C

Answer **any five** questions :**(5×2=10)**

1. What can you do to improve performance when you're getting data in Power BI ?
2. Which data role enables advanced analytics capabilities specifically through reports and visualizations ?
3. What is the difference between a fact table and a dimension table ?
4. What Power BI feature can give an in-depth analysis of the distribution of data ?
5. What feature in Power BI service can you use to troubleshoot the flow of data from its source to its destination ?
6. What is Slicer visualization ?
7. What are predictive and cognitive analytics ?