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COMAISN 301

**Third Semester Common to All U.G. Courses Degree
Examination, February/March 2023
(NEP – 2020) (2022 – 2023 Batch Onwards)
(Skill Enhancement Course)
COMPUTER SCIENCE
Artificial Intelligence**

Time : 2 Hours

Max. Marks : 30

SECTION – A

Answer **all** the questions.

(10×1=10)

1. What is anomaly detection ?
2. What is hyper parameter ?
3. What is conversational AI ?
4. What is descriptive analytics ?
5. What is data analysis ?
6. What is knowledge mining ?
7. What is AI ?
8. What is regression ?
9. Mention one use of computer vision.
10. What is cardinality of a table ?

SECTION – B

Answer **any five** questions.

(5×2=10)

1. List and explain two types of supervised machine learning task.
2. Explain any two computer vision services in Microsoft Azure.
3. Which are the two NLP services in Microsoft Azure ?

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4. List two guiding principles of responsible AI and explain.
5. What are four processes of azure automated machine learning ?
6. How NLP software works ?
7. What are the challenges and risks in AI ?
8. Explain four computing resources available in azure machine learning.

SECTION – C

Answer **any five** questions.

(5x2=10)

1. Explain the components of analytics.
 2. What process occurs in Diagnostic analytics ?
 3. Explain predictive analytics with example.
 4. Explain the role of data analysts.
 5. List any 2 tasks of a data analyst and explain.
 6. What are the benefits of the good data model ?
 7. Define data granularity.
 8. What is the use of line and area charts ?
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