Reg. No. [ ][ ][ ][ ][ ][ ][ ][ ]

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

(10×1=10)

Answer **all** the questions.

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

(5×2=10)

Answer **any five** questions.

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.

(5×2=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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