Day : Tuesday   Time : 02:00 PM-05:00 PM

Date : 20-12-2022   **W-14902-2022**   Max. Marks : 60

N.B.:
1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.

Q.1 Answer **ANY TWO** of the following: [12]

a) What is data mining? Explain about data mining on what kind of data?

b) Discuss in detail about data mining applications.

c) What is web mining? Explain web content mining.

Q.2 Answer **ANY TWO** of the following: [12]

a) Explain data mining architecture with suitable diagram.

b) Describe the data classification process with suitable example.

c) Write a note on attribute selection measures.

Q.3 Answer **ANY TWO** of the following: [12]

a) Explain Market Basket Analysis.

b) Describe major issues in data mining.

c) Discuss data discretization and concept hierarchy generation with example.

Q.4 Answer **ANY THREE** of the following: [12]

a) Explain in detail about data reduction.

b) Explain decision tree with example.

c) List applications of clustering.

d) Explain the smoothing techniques.

Q.5 Answer **ANY FOUR** of the following: [12]

a) What is noisy data? Give one example for the same.

b) What is data normalization?

c) Define data selection and date transformation.

d) Write a note on evolution of database technology.

e) Write a short note on data summarization.

f) Write a short note on regression.

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