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Roll No

MCADD-705(2)

M.C.A. (Integrated), VII Semester

Examination, May 2023

Data Analytics

(Elective - II)

Time : Three Hours

Maximum Marks : 70

- Note :** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What is Big data? Describe the main features of a data analytical system.
b) Can you generalize the role of analytical tools in big data?
2. a) Can you assess the importance of neural networks in data analysis?
b) What information would you use to analyse data using Kohonen's self-organizing maps?
3. a) Define decay window.
b) Define the real-time sentiment analysis.
4. a) Define the Hierarchical Clustering.
b) Point out the conclusions drawn from choosing clustroid?
5. a) What are the components of Hadoop framework?
b) Explain how can you manage compute node failures?

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6. a) Why does one choose analytical system over conventional system?
b) How do you define propositional rule learning?
7. a) How would you stop the Merger Process?
b) What is the advantage of MaPR?
8. a) Why do you think data stream management is relevant in data mining?
b) List the clustering strategies.
