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Roll No

MCADD-702**M.C.A. (Integrated), VII Semester**

Examination, November 2019

Data Science in Mining*Time : Three Hours**Maximum Marks : 70**Note:* i) Attempt any five questions.

ii) All questions carry equal marks.

1.
 - a) What is Population and samples? Explain with example.
 - b) What do you mean by Fitting model?
2.
 - a) Explain Naive Baye's Algorithm and why it work for Filtering span.
 - b) Justify why linear regression and K-NN are poor choice for Filtering span.
3. Describe the term feature selection. Explain Random Forest Algorithm with taking a suitable example.
4. Explain the following term:
 - a) Singular valve decomposition
 - b) Data wrangling
 - c) Probability distribution
5. What is Data Visualization? Give basic principles, ideas and tool for data Visualization.

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6. Explain following term
 - a) Clustering of Graphs
 - b) Facing data
 - c) Recommendation system
7. Discuss in detail ethical issues in data science.
8. Write a short notes:
 - a) Data science security
 - b) Mining social network
 - c) Principal component analysis
 - d) Philosophy of EDA
