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Roll No

MCADD-705 (2)
M.C.A. (Dual Degree/Integrated Course),
VII Semester

Examination, November 2018

Data Analytics

(Elective - II)

Time : Three Hours

Maximum Marks : 70

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

1. a) Describe in detail about the probability distribution. 7
- b) Can you identify the different statistical concepts required for Big data? 7
2. a) Examine how would you implement regression modeling? 7
- b) What are the features of support vector machines? 7
3. a) Explain supervised and unsupervised learning with examples. 7
- b) Describe in detail about hypothesis testing? 7

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4. Explain the following: 14
- a) Naive Bayesian Classifier
 - b) Logistic Regression
5. a) Compare and contrast the relationship between centroids and clustering. 7
- b) What is Big data? Describe the main features of a data analytical system? 7
6. a) What are the three main ways of determining principal components to obtain adequate representation of data? 7
- b) Explain creating data for analytics through active learning. 7
7. Explain the following: 14
- a) Challenges for Big Data analytics clustering
 - b) Challenges for Rule mining
8. a) What is the relationship between sampling distribution and re-sampling? 7
- b) What are the best practices in Big Data Analytics? 7
