

Register Number:

Date:



ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE – 27
M.Sc BDA – II SEMESTER
SEMESTER EXAMINATION: APRIL 2018
BDA 2416: DATA MINING

Time: 2 1/2 hrs

Maximum marks: 70 marks

This Question Paper Contains ONE Printed Pages
Answer any seven questions of the following.
All question carry equal marks

1. Define Data Mining? With neat diagram explain the process of Knowledge discovery in database
2. Explain the different steps in Data preprocessing.
3. With the help of an example, write briefly about different data types and attributes of data
4. Find the similarity for the following
 - a. A chain is only as strong as its weakest link
 - b. A countenance more in sorrow than in anger
 - c. A Daniel come to judgment
5. Solve the problem using clustering algorithm.

x	2.5	0.5	2.2	1.9	3.1	2.3	2	1	1.5	1.1
y	2.4	0.7	2.9	2.2	3	2.7	1.6	1.1	1.6	0.9

6. Explain Random forest algorithm?
7. Explain Naïve Baysian classification with appropriate example
8. What are lift, support and confidence? Why market basket analysis important?
9. Explain Temporal and Spatial database.