



NATIONAL OPEN UNIVERSITY OF NIGERIA,
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS.
SCHOOL OF SCIENCE AND TECHNOLOGY
OCTOBER 2016 EXAMINATION

Course code: DAM301

Course Title: Data Mining and Data Warehousing

Time: 2 Hours

Instruction: Answer any Four (4) questions.

- | | | |
|-----|---|-------------|
| 1a. | Write short note on any three (3) data mining issue. | [7.5 marks] |
| 1b. | Discuss any four (4) challenges that likely face by the data mining practitioners. | [10 marks] |
| 2a. | Itemise any (10) technologies or tools used in data mining. | [10 marks] |
| 2b. | What is a Neural Network in a data mining technology?. | [7.5 marks] |
| 3a. | Explain with the aid of diagram what is meant by Decision tree. | [10 marks] |
| 3b. | List the three (3) common types of data preparation methods. | [7.5 marks] |
| 4a. | Explain “why Data Preprocessing”?. | [10 marks] |
| 4b. | Write short note on Multimedia Data Mining. | [7.5 marks] |
| 5a. | Itemise the data mining trends in terms of technologies which are presently being developed and researched. | [7.5 marks] |
| 5b. | Write short note on any four (4) Constraint Based Data Mining | [10 marks] |
| 6a. | Write short note on Multifactor dimensionality reduction. | [7.5 marks] |
| 6b. | Differentiate between Relational Database and Data Warehouses. | [10 marks] |