



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION**

COURSE CODE: DAM 301

COURSE TITLE: DATA MINING AND DATA WAREHOUSING

CREDIT UNIT: 3 CREDIT UNITS

TIME: 3 HOURS

INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL

- 1a. Explain Data Description, and state its three (3) documented properties**
[8 marks]
- 1b. List and define seven (7) steps involved in Knowledge Discovery Databases (KDD) process.**
[9¹/₂ marks]
- 2a. Briefly explain any 2 types of data that can be mined.**
[8 marks]
- 2b. Data Mining Applications play some vital roles in Banking and Finance industries. Discuss.**
[9¹/₂ marks]
- 3a. Explain any 5 types of data/information often collected in digital form in databases and flat files.**
[10 marks]
- 3b. Write short note on data warehouse.**
[7¹/₂ marks]
- 4a. Explain what is meant by the following data mining terms?**
i. Characterization.
ii. Clustering.
iii. Discrimination. *[10 marks]*
- 4b. List and explain any three (3) characteristics of a data warehouse as set forth by William Inmon.**
[7¹/₂ marks]
- 5a. Briefly explain the scope of data mining under the following headings:**
i. Automated prediction of trends and behaviours.
[6 marks]
ii. Automated discovery of previously unknown patterns.
[4 marks]
- 5b. Explain what is meant by Data Mining Technologies.**
[7¹/₂ marks]

6a. Describe Data mining.

[5 marks]

6b. List and write short note on any three (3) classifications of data mining systems. [6 marks]

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