

UNIVERSITY OF JOS  
FACULTY OF EDUCATION

DEPARTMENT OF SOCIAL SCIENCE EDUCATION

FIRST SEMESTER EXAMINATION 2018/2019 ACADEMIC SESSION

COURSE TITLE: DATA MANAGEMENT

COURSE CODE: LIS 305

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS .

1. Discuss Decision Rule and relate it to Pattern Evaluation in data Mining.
- 2(a) Define data Mining.
- 2(b) Discuss the importance of Data Mining to:
  - i A supermarket owner who owns different supermarkets in three (3) different locations.
  - ii Banking sector
  - iii A Merchandiser
- 3(a) Define KDD.
- 3(b) List and explain the six (6) steps in KDD
- 3(c) Represent the six steps with a diagram
- 4(a) Differentiate between OLAP and Data Mining
- 4(b) State five (5) problems that could be tackled by OLAP and turn them into hypothesis.
5. Write short notes on the following:
  - (a) Web Mining
  - (b) Association rule
  - (c) Relational Database
6. Given the enormous size and the rate change of the web, discuss four(4) issues that could arise while crawling the web.