FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

Second Semester B.Tech Examinations 2011/2012 ACADEMIC SESSION

Curse Title: Data Mining I   Credit Units: 2

Course Code: IMT326   Time Allowed: 2 hours

Instruction: Answer any **FOUR** questions   August 2012

1. a) Explain the concept of the semantic web.
    b) Briefly identify the application areas of the semantic web and the likely technologies.
    c) What is information extraction (IE)? Compare and contrast IE with information retrieval.

2. Explain briefly the following:
    i) A Browser   ii) HTTP   iii) Web server   iv) Servlet
    v) Metadata

3. i) Explain the concept of web interface with the database.
    ii) Distinguish between the web and the internet.

4. Define the following terms:
    i) Search engine spamming   ii) hubs and authorities   iii) Page rank
    iv) Web search engine   v) Business intelligence

5. a. What is data mining? What is data warehouse?
    b. Give *three* benefits arising from setting up a data warehouse, and *two* demerits against setting up a data warehouse.

AIO/AUGUST 2012.