

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**JUNE/JULY EXAMINATION**

**COURSE CODE: CIT841**

**COURSE TITLE: Advanced Information Storage and Retrieval**

**TIME ALLOWED:2 Hours**

**INSTRUCTION: Answer Any Four Questions**

1. With the aid of a diagram, explain the tripartite factors used to

determine the value of any information. 17 ½ marks

2a. What is Metadata? 4 ½ marks

 b. List four functions of metadata 4 marks.

 c. State six principles applying to good metadata. 9 marks

3a. Brieflyexplain what data representation and organisation

of information system entails. 9 marks

b. Briefly discuss data representation and organisation on

webinformation space. 8 ½ marks

4a. Explain what constitutes a query. 3 ½ marks

 b. List three main factors affecting query formulation. 6 marks

 c. State four typical query expansion techniques. 8 marks

5a. Discuss briefly the technology behind information retrieval

system. 9 marks

 b. Explain briefly the working of search engines. 8 ½ marks

6a. List five of the main tools used by the web in its information

retrieval. 10 marks

 b. Compare and contrast web information retrieval and classic

information retrieval. 7 ½ marks