



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91 CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI, ABUJA
FACULTY OF SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
OCTOBER, 2019 EXAMINATIONS

COURSE CODE: CIT841

COURSE TITLE: ADVANCED INFORMATION STORAGE AND RETRIEVAL

COURSE CREDIT: 3 UNITS

TIME ALLOWED: 2½ HOURS

INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER FOUR (4) QUESTIONS

- 1(a) Subjective information sometimes sounds like opinion. Differentiate between subjective information and opinion. **(2marks)**
- 1(b) Describe the purpose of the Call Number in MARC? **(2 marks)**
- 1(c) What are the existing user profiling standards **(4 Marks)**
- 1(d) Explain the concept of query expansion and the techniques involved **(6 marks)**
- 1(e) Evaluate eight (8) uniqueness of web information retrieval **(8 Marks)**
- 2(a) Articulate seven (7) principles of a good metadata according to the Framework of Guidance for Building Good Digital Collections **(7 marks)**
- 2(b) Apply the principles of good metadata as enunciated by National Information Standards Organisation (NISO) website? **(5 marks)**
- 3(a) Analyse the advantages of web information retrieval over classic information retrieval **(4 Marks)**
- 3(b) Differentiate between digital and traditional libraries in a tabular form. **(8 Marks)**
- 4(a) The value of any information is determined by the tripartite factors. Validate this claim **(6 marks)**
- 4(b) What are the standards for information organisation and storage? **(6marks)**
- 5(a) Extensively discuss Fuzzy Model of Information Retrieval **(8 Marks)**
- 5(b) Evaluate the structure of a query **(4marks)**
- 6(a) Produce the architecture of a search engine **(6marks)**
- 6(b) Analyse the three (3) types of Meta data **(6 marks)**