3. a) Explain effectiveness and efficiency. What do you understand by recall and precision? Describe Cranfield 1 evaluation test of IRS.   4+4+7

OR

b) What is information need? Describe information needs in scientific and technological research. Explain Kulthau's model of information seeking.

3+5+7

4. Write short notes on any **one** :   5×1=5

a) TREC retrieval experiment

b) Boolean model of searching

c) In-house and online IRS

MASTER OF LIBRARY AND INFORMATION SCIENCE EXAMINATION, 2023

(1st Year, 1st Semester)

INFORMATION RETRIEVAL - I

PAPER – ML-04

Time : Two hours   Full Marks : 50

Answer *all* the questions.

1. a) Describe different components of an Information Retrieval System (IRS). What are the functions of an IRS? What do you understand by controlled and natural indexing?   5+6+4

OR

b) What do you understand by vocabularly control? How are the terms displayed in a thesaurus? Describe different criteria for evaluating a thesaurus.

3+7+5

2. a) What are reference databases? Describe different data formats available in MARC 21. What are different components of a simple CCF record?

3+8+4

OR

b) What is information practice? Explain everyday life information seeking (ELIS). What is a thesaurofacet? Describe the associative relationship of terms in thesaurus.   3+5+3+4