MASTER OF LIBRARY AND INFORMATION SCIENCE EXAMINATION,2022

(1ˢᵗ Semester)
Information Retrieval-I
Paper: ML – 04

Time: Two hours   Full Marks: 50

Answer all the questions

1A.   What do you mean by an online IR system. What are its functions? What are ectosystem and endosystem?   3+5+2

OR

1B.   What are the Word-Association techniques used in a Text Retrieval System? Mention different components of a text. What do you understand by Clustering in IR?   5+3+2

2A.   What are different kinds of database? Explain the general structure of a bibliographic record according to ISO 2709 format. Explain with suitable examples the concept of integrated database approach.   3+4+3

OR

2B.   What is vocabulary control? What are its objectives? Explain different term relationships of a thesaurus.   2+3+5

3A.   Explain Boolean search model. What are the limitations of Boolean searching? Explain the concept of term 'vectors' in the Vector Processing Model.   5+3+2

OR

3B.   What is a search strategy? Explain different searching techniques.   3+7

4A   What is information seeking? Explain the information seeking behaviour model of Ellis.   3+7

OR

4B.   State the criteria for evaluation of an IR system. Explain Recall and Precision.   5+5

5.   Write short notes on any two of the following: 5x2=10
        a) Information transfer cycle
        b) Information behaviour and information practice
        c) Everyday life information seeking
        d) MEDLARS
        e) Controlled vs Natural Language

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