

Ex/ML/05/16/2017

**MASTER OF LIBRARY AND INFORMATION  
SCIENCE EXAMINATION, 2017**

**(1st Semester)**

**INFORMATION RETRIEVAL**

**Paper : ML-05**

Full Marks : 40

Time : Two Hours

*The figures in the margin indicate full marks.*

Answer *all* questions.

- 1.(A) What do you understand by an Information Retrieval System ? Discuss the major functions of an IR system with a suitable diagram. 3+7=10

*Or;*

- 1.(B) (a) Describe the various components of an IR system.
- (b) What is Collaborative Information Retrieval ? 7+3=10

- 2.(A) What is an indexing language ? Describe Chain Procedure with a suitable example. 2+8=10

[*Turn over*]

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*Or;*

2. (B) Distinguish between 'Citation' and 'Reference'. What is Citation Indexing? Describe its merits and demerits. Name some online Citation Indexing services.

2+2+4+2=10

3. (A) What is UMLS? Show with a diagram how UMLS works among different controlled vocabularies. Describe semantic network in UMLS.

2+3+5=10

*Or;*

3. (B) Explain the term ontology in the context of IR. Differentiate between ontology and taxonomy. Discuss briefly various types of ontology.

3+3+4=10

4. (A) What is folksonomy? Differentiate between folksonomy and controlled vocabularies. Describe its limitations. Identify the areas where folksonomy can be used effectively.

2+3+3+2=10

*Or;*

4. (B) Name various Retrieval models. Describe any one of them with its advantages and disadvantages.

2+8=10

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