MASTER OF LIBRARY & INFORMATION SCIENCES
Third Semester
INFORMATION RETRIEVAL
(MLS - 11)

Duration: 3Hrs.   **Full Marks: 70**

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.   **Marks: 50**

Answer any *five* of the following questions:

1. What is propounded of Information Retrieval? What are the characteristics of Information retrieval? What are the models of the information retrieval?

    (2+3+5=10)

2. What is vocabulary control? What is the necessary of the vocabulary control in Information Retrieval?   (5+5=10)

3. What is content analysis? What are the problems of syntactical and semantic indexing language?   (5+5=10)

4. What is inverted file? Describe the application of the Information Retrieval. What is the relation between recall and precision?   (2+3+5=10)

5. What is a search technique? What do you mean by Heuristics search? What are the types of search technique, write with example.   (2+3+5=10)

6. What is index? How many types of indexes are there in information retrieval? What is the importance of indexing in informational retrieval?   (2+3+5=10)

7. Write short notes (any *two*): (5+5=10)

   a) Proximity search

   b) UNITERM INDEXING

   c) Net-Crawler

   d) Computerized abstracting

8. What is NLP? Describe about the ambiguity and problems in NLP. (5+5=10)

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Duration: 20 minutes   **Marks – 20**

PART-A (Objective)

Time: 20 mins   **Total Marks: 20**

I. Choose the correct option: **1×20=20**

1. Which visual information retrieval interface utilizes a separator array to effect sequential development of a development of a Boolean query two terms at a time?
   a. GUIDO   b. VIBE
   c. BOOK HOUSE   d. BIRD

2. There are three basic models of information retrieval-
   a. Data, Knowledge, information   b. Information, knowledge, data
   c. Data, information, knowledge   d. Information, data, knowledge

3. ASK meaning?
   a. Anomalous State of Knowledge   b. Ask service knowledge
   c. Answer state knowledge   d. Age state knowledge

4. Which are the not the operator of Boolean operator?
   a. AND   b. OR   c. NOR   d. NOT

5. Which is not the information retrieval model?
   a. Mathematical models   b. Set Theoretic Model
   c. Vector Space Models   d. Information models

6. Which is not the type of library database?
   a. Bibliographic database   b. Catalogue database
   c. Information database   d. Referral database

7. The example of regional search engines-
   a. Alta-vista   b. Hot-Bot
   c. Mosaique   d. Google

8. DLI stands for?
   a. Delhi library initiative   b. Digital library initiative
   c. Direct library initiative   d. Director of library institute

9. What is sign for Range Search?
   a. *   b. >   c. &   d.)

10. SQL stands for?
   a. Simple query language
   b. Structured query language
   c. Simple question language
   d. Structured question language

11. XML means?
   a. Exclusive Markup language
   b. Extensible Markup literature
   c. EXtensible Markup Language
   d. Exclusive Markup literature

12. Which is standard for Ergonomic principles for visual display terminals in information retrieval?
   a. ISO 690- 2
   b. ISO 9241
   c. ISO 13407
   d. ISO 14915

13. IEC stands for?
   a. International Electro technical Commission.
   b. International Electronic Commission.
   c. Indian Economic Commission.
   d. None of the above.

14. What is Linux?
   a. Free software
   b. Purchased software
   c. library software
   d. Others

15. Which application is used for site location?
   a. Google navigation
   b. Google map
   c. Site map
   d. None of these

16. MIDI is the format of which information retrieval?
   a. Video file
   b. Image file
   c. Audio file
   d. Text file

17. How many elements are in Dublin Core?
   a. 13   b. 14   c. 16   d. 17

18. Which is not the part of artificial intelligence?
   a. Natural Language Processing (NLP)
   b. Expert Systems (ES)
   c. Machine
   d. Robotics

19. Which is the part of expert system?
   a. Fact information
   b. Factual knowledge
   c. Machine knowledge
   d. Semantic Knowledge

20. How many types of ISAR system?
   a.4   b.5   c.6   d.7

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