

M.L.L.Sc. (Sem.-IV) Examination  
507 Information Processing : Theory  
May-2017

Time : 2 Hours]

[Max. Marks : 30,

1. માહિતી પુનઃપ્રાપ્તિ પદ્ધતિ એટલે શું? તેની જરૂરિયાત અને ઉદ્દેશ્યો વર્ણવો. 15  
અથવા
1. નિર્દેશીકરણ એટલે શું? નિર્દેશીકરણના કાર્યો અને પ્રક્રિયા ઉપર ચર્ચા કરો.
2. નીચેના પૈકી કોઈપણ બે વિષય ટૂંક નોંધ લખો. 10
  1. શ્રેણીવાળા સાંકળ નિર્દેશીકરણ
  2. એકમ પદ્ધતિ નિર્દેશીકરણ
  3. મેટાડેટા
  4. ઇન્ટરનેશનલ સ્ટાન્ડર્ડ બિબ્લીઓગ્રાફીક ડિસ્ક્રીપ્શન
3. અંગ્રેજી વર્ગન પ્રમાણે. 10

**English Version**

- Q.1 What is Information Retrieval System? Describe its need and objectives. 15  
OR  
What is Indexing? Discuss functions and process of Indexing.
- Q.2 Write short notes on any **Two** of the following- 10
1. Chain Indexing
  2. UNITERM
  3. Metadata
  4. International Standard Bibliographic Description
- Q.3 **Select and write the correct answer from following multiple choice questions.** 10
1. PRECIS has been developed by:
 

(a) E. J. Coats	(b) Derik Austin
(c) S. R. Ranganathan	(d) Mortimer Taube
  2. POPSI is a :
 

(a) Post Coordinate Indexing System	(b) Key Word based Indexing System
(c) Pre Coordinate Indexing System	(d) Citation Indexing
  3. Controlled Vocabulary in indexing is called:
 

(a) A Thesaurus	(b) A language dictionary
(c) A dictionary of synonymous	(d) A list of subject heading
  4. 'Recalled' and 'Precision' are the terms used in:
 

(a) Reference Service	(b) Information Retrieval System
(c) Library Management	(d) Book Selection
  5. The name of S. C. Bradford associated with:
 

(a) Occurrence of term in a paragraph	(b) Number of articles written by an author
(c) Law of Scattering	(d) Citation of an article
  6. The term 'Information Retrieval' was coined by:
 

(a) B. K. Vickery	(b) S. R. Ranganathan
(c) F. W. Lancaster	(d) Calvin N. Moors

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7. The concept of 'Paperless Society' was first given by:  
(a) Derik Austin (b) F. W. Lancaster  
(c) J. H. Shera (d) Morris F. Taube
8. In which of the following types of indexes are access point not derived automatically?  
(a) KWIC (b) Citation Indexing  
(c) KWOC (d) POPSI
9. MESH is an example of:  
(a) Classification Scheme (b) Thesaurus  
(c) Abstracting Journal (d) None of the above
10. The logic 'and','or' and 'not' was devised by:  
(a) F. W. Lancaster (b) George Boole  
(c) S. R. Ranganathan (d) M. A. Gopinath

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