

Seat No. : _____

MLS-04
April-2007
Information Retrieval
(Theory)
Paper – III-A

Time : 3 Hours]

[Max. Marks : 50

૧. સી.એ.કટરથી ટી.કાવેન સુધીનો નિર્દેશીકરણ ભાષાનો ઇતિહાસ અને વિકાસ વર્ણવો. ૧૫

અથવા

માહિતી પુનઃપ્રાપ્તિના ઉપકરણ તરીકે 'સિયર્સ લીસ્ટ ઓફ સબ્જેક્ટ હેડીંગ્સ' નું મૂલ્યાંકન કરો.

૨. પૂર્વ-સમન્વિત નિર્દેશીકરણ એટલે શું ? ઉદાહરણ સાથે કોઈપણ એક પૂર્વ-સમન્વિત નિર્દેશીકરણ ટેકનીકની વિગતે ચર્ચા કરો. ૧૫

અથવા

માહિતી પુનઃપ્રાપ્તિ માટે ઉપયોગમાં લેવાતી વિવિધ શોધ પ્રયુક્તિઓની ઉદાહરણ સાથે વિગતે ચર્ચા કરો.

૩. (અ) નીચેનામાંથી કોઈપણ બે વિશે ટૂંકનોંધ લખો. ૧૦

૧. ઉલ્લેખ નિર્દેશીકરણ

૨. નિર્દેશીકરણમાં ફેરાડનનું પ્રદાન

૩. પ્રાપ્તિ (Recall) અને ચોકસાઈ (Precision) પ્રમાણ

૪. એકપદ નિર્દેશીકરણ

- (બ) English Version મુજબ જુઓ. ૧૦

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1. Trace the history and development of Indexing languages from C.A. Cutter to T. Craven. **15**

OR

Evaluate the 'Sear's List of Subject Headings' as an Information Retrieval tool.

2. What do you understand by pre-co-ordinate indexing ? Discuss in detail any one of the pre co-ordinate indexing techniques. With examples. **15**

OR

Discuss in detail with examples the various search strategies used for Information Retrieval.

3. (A) Write note on any **two** from the following. **(10)**

1. Citation Indexing.
2. Farradane's contribution in Indexing.
3. Recall and precision Devices.
4. Uniterm Indexing.

- (B) Select and write correct answer from below given multiple choice questions. **(10)**

1. The term 'Information Retrieval' was coined by
 - (a) H.P.Luhn
 - (b) Calvin Mooers
 - (c) F. W. Lancaster
 - (d) E. Garfield
2. KWIC indexing technique is based on
 - (a) Subject
 - (b) Full text
 - (c) Titles
 - (d) Abstract
3. In Pre-co-ordinate indexing, co-ordination done by the
 - (a) Users at the time of searching.
 - (b) Indexer at the time of searching.
 - (c) User at the time of Retrieval.
 - (d) Indexer at the time of Indexing.

4. Role operators are found in
 - (a) KWIC
 - (b) KWOC
 - (c) POPSI
 - (d) PRECIS
 5. PRECIS stands for
 - (a) Pre-coordinate indexing.
 - (b) Post-coordinate indexing.
 - (c) Preserved context indexing system.
 - (d) Post-content indexing system.
 6. The order of significance i.e. "Thing, Material and Action among various component of a compound subject was expounded by :
 - (a) J. Kaiser
 - (b) E. J. Coats
 - (c) J.E.L Farradone
 - (d) S. R. Ranganathan
 7. The theory of UNITERM Indexing was propounded by
 - (a) S.R. Ranganathan
 - (b) A. Sheppard
 - (c) M. Taube
 - (d) B. c. Vickery
 8. The set of elementary categories : Discipline, Entity, Action, Property and Modifier are found in :
 - (a) PRECIS
 - (b) UNITERM
 - (c) SLIC
 - (d) POPSI
 9. The saurofacet designed and produced by
 - (a) FID
 - (b) IFLA
 - (c) CRG
 - (d) English Electric Company
 10. The Cranfield projects (I & II) conducted to examine
 - (a) Classification schedules
 - (b) Catalogue codes
 - (c) Indexing languages
 - (d) Subject heading lists
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