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M. Lib./Sem IV/185

Roll No.

**Master of Library & Information Science
(Semester IV) Examination, 2008-09**

LIBRARY & INFORMATION SCIENCE

Paper : XIII

(Information Science and Knowledge Management)

Time : Three hours]

[Full Marks : 70

*[Write your Roll No. at the top immediately on the
receipt of this question paper.]*

Note : Marks for questions in each Section are indicated.

SECTION – A

Note : Long Answer Type Questions. Answer in approximately 500 words. Each question carries 15 Marks.

1. Discuss the concept of Explicit knowledge, tacit knowledge and implicit knowledge. Explain various tools of knowledge management.

P. T. O.

OR

'Information is basic input for transformation of society'. Discuss & give your opinion.

2. Define 'Information Science'. Also explain its relation with mathematics, linguistics, management and Computer Science.

OR

Discuss in detail 'Expert System'.

SECTION – B

Note : Short answer type question. Answer in approximately 250 words. Each question carries 10 marks.

3. Explain Miller's Living System model.

OR

Discuss Decision Support System.

4. Discuss nature, characteristics and use of Information.

OR

Write short note on 'Information Industry'.

5. Discuss the need for professional ethics. Also explain the professional ethics of information professionals.

OR

Explain signal, sign, symbol and language in the context of information representation.

SECTION – C

Note : Objective type questions. Answer may be in *one* word or *one* to three sentences. Each question carries 1 marks.

6. Answer the following :

- (i) Who first coined the term 'Tacit knowledge' ?
- (ii) Define 'Information Economics',
- (iii) What is 'Separatism' ?
- (iv) Define 'blog'.
- (v) Define 'Concrete Systems'.
- (vi) Who propounded the 'General Systems Theory' in 1945 ?
- (vii) Name the programming language used for logical programming in knowledge based information system ?
- (viii) 'Transmission of information in both direction but not simultaneously' is which mode of transmission ?
- (ix) In context of MIS, what kind of reports are needed by top level managers ?
- (x) Who stated that information is data of value in decision making process ?