

- (v) What are three important branches of 'Artificial Intelligence'?
- (vi) Who coined the term 'Information Retrieval' ?
- (vii) Which one comes first in the continuum Knowledge or wisdom ?
- (viii) Who first pointed that only 'electric' in pure information ?
- (ix) Define 'purposeful system'.
- (x) Define 'Information Economics'

M.Lib./Sem IV/13

**Master of Library & Information
Science (Semester IV)**

Examination, 2007-08

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.

1.1 Explain the term 'Representation of Information'. Also describe the role of sign, symbol signals and language in representation of information.

OR

1.2 Discuss the role of information in the transformation of a society. Explain the characteristics of information society.

2.1 What is a system ? Explain its different types. Discuss systems theory with the help of any General System theory Model.

OR

2.2 Explain Profession and also discuss the ethics of any profession. Mention the characteristics of information profession.

SECTION - B

Note: Short Answer Type Questions. Answer in approximately **250** words. Each question carries **10** marks.

3.1 Explain 'Expert System'.

OR

3.2 Highlight the barriers of information communication.

4.1 Define the Term 'information as given by various subject specialists.

OR

4.2 Discuss the relation of Information science with other subjects.

5.1 Explain the Term 'Knowledge Management and mention different types of knowledge.

OR

5.2 Explain any four methods used in information science for its conceptual and theoretical development.

SECTION - C

Note: Objective Type Questions. Answer may be in one word or one to three sentences. Each question carries **1** mark.

6. Answer the following :

- (i) Policy making information is essential for which level of managerial staff.
- (ii) Who categorised communication channel into formal and informal ?
- (iii) The coming of Post-industrial society is written by whom ?
- (iv) Who selforth the fundamental equation of information Science

$$K(S) + \Delta I = K(S + \Delta S)$$