

- (vii) "Information is the product of human brain in action". Who put forth this idea ?
- (viii) What is Ergonomics ?
- (ix) One of the major characteristics of any information system is that it is teleological. Who first formulated this concept ?
- (x) What are various approaches of scientists as given by Melvin J. Voigt ?

Total No. of Printed Pages : 4

M.Lib./IV/05

Roll No.

**M. Lib. & Information Sc. (Sem. IV)
Examination, 2010**

LIBRARY AND 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. Differentiate tacit, implicit and explicit knowledge. Discuss the functions of various modern knowledge management tools.

OR

Explain the relationship of Information Science with subjects like Artificial Intelligence, Management and Language.

2. When a society is said to be an "Information Society"? Discuss the role of information in transforming the society.

OR

What do you mean by Function Oriented System? Discuss the characteristics, need function and importance of any *two* function oriented systems.

SECTION – B

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

3. How do you differentiate the concepts like sign, signal, symbol and language?

OR

Explain Information system theory with the help of system theory models.

4. Differentiate 'Profession' from 'Vocation'. Explain the changing role of Library and Information Science profession in present era.

OR

Discuss the methods in Information Science.

5. Highlight the barriers of information communication as encountered by information receiver.

OR

Differentiate the concept of Information management from knowledge management.

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) Who first coined the term 'Network Society'?
- (ii) Give the web address of any government hosted ICT portal.
- (iii) In which year the famous book 'Future Shock' was first published?
- (iv) Do you feel transaction procession system is an example of MIS?
- (v) Give an example of Expert System used in reference service in libraries.
- (vi) What is the function of 'Motor' in Miller's living system model.