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**M.Lib./Sem. IV/186**

Roll No. ....

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

**LIBRARY & INFORMATION SCIENCE**

Paper : XIV

**(Information Sources and Products in Science and  
Technology)**

*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. Give an Overview of chemistry with emphasis on the 20th century for the purpose of providing information service.

**OR**

P. T. O.

Enlist different primary & secondary sources of information in the field of biology. Give the characteristics features of Biological Abstracts.

2. What do you understand by the term database ? Name various databases, their coverage, popularity, usefulness etc in the field of science & technology.

**OR**

Discuss the use of patents as primary source of information in the field of science & technology.

### SECTION – B

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

3. Enlist various research institutes & professional organisations of India in the field of science & technology. Discuss the activities of BARC.

**OR**

Discuss the role of NISCAIR in disseminating scientific and technological information in India.

4. Explain the activities of UNESCO.

**OR**

Explain the term 'Information Consolidation' ? Give a note on information analysis & repackaging.

5. Discuss the activities of NIC in India in present days.

**OR**

Describe the role of CSIR in promoting science and technology in India.

### SECTION – C

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

6. (i) McGraw Hill Encyclopedia of science and technology is in ..... volumes.  
 (ii) INSA stands for .....  
 (iii) Name of the oldest Scientific Society of Great Britain .....  
 (iv) What is copyright ?  
 (v) 'Chemical Abstracts' have .....indexes.  
 (vi) What is ACM Digital Library ?  
 (vii) 'Physics Abstracts' is brought out by .....  
 (viii) Mention the subject coverage of INIS ATOMINDEX.  
 (ix) Who is the distributor of Web of Science in India ?  
 (x) What is PubMed ?