

PG Odd Semester (CBCS) Exam., December—2016

LIBRARY AND INFORMATION SCIENCE

(1st Semester)

Course No. : LIS-105(C)

(Information Communication Technology)

Full Marks : 75

Pass Marks : 30

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Define information technology. Explain the components of information technology. 5+10=15
2. What is computer technology? Explain the generation of computers with examples. 5+10=15

UNIT—II

3. What are the types of memories available in the computer system? How are they organized in a hierarchy? 8+7=15
4. What is an operating system? Explain the functions of an operating system. 5+10=15

UNIT—III

5. What are the different types of application software? Give some examples of library management softwares developed in India. 7+8=15
6. Define DBMS. Discuss the important features of relational database management systems. 5+10=15

UNIT—IV

7. With the help of diagrams, explain various topologies used to connect computers in a network. 15
8. Discuss the advantages and disadvantages of computer networks. 15

(3)

UNIT—V

9. Explain the concept of library consortia.
Discuss the recent developments in library
consortia in India. 7+8=15

10. Write short notes on any *two* of the
following : $7\frac{1}{2}\times 2=15$

(a) INFLIBNET

(b) RLIN

(c) Library network

(d) E-resources

★ ★ ★