

Exam. Code : 107204

Subject Code : 2070

## BCA Semester—IV

## INFORMATION SYSTEMS

## Paper—II

Time Allowed—3 Hours] [Maximum Marks—75

**Note :** (1) Attempt **five** questions in all selecting at least **one** from each of the Units I, II and III.

(2) All questions carry equal marks.

## UNIT—I

1. (a) Define Information. Why is it important ? Explain various sources of information in detail. 2+2+4  
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- (b) How information is converted into computer readable form ? Explain. 7
2. (a) Explain various ways of capturing information along with their limitations. 8
- (b) Write briefly about on-line information access through examples. 7

## UNIT—II

3. (a) When a system is called an information system ? Explain through example the various components of an information system. 2+6
- (b) Which are the latest Hardware trends for information systems ? Explain. 7

4. (a) Explain latest software trends for information systems with examples. 8
- (b) How do you categorize the information systems ? Explain. 7
5. Demonstrate Development life cycle of any information system of your choice with suitable inputs and outputs. 15

### UNIT—III

6. (a) Design Transaction Processing System by elaborating its each operation in detail. 8
- (b) How Marketing Systems are developed to promote sales and purchase ? Explain. 7
7. Explain various tasks carried out to develop office automation system. Take example to justify. 15
8. How information systems can be better understood through their case study in practical life ? Explain through example of your choice. 15