

Exam. Code : 107204

Subject Code : 1631

Bachelor of Computer Application (BCA) 4<sup>th</sup> Semester  
(Batch 2020-23)

**INFORMATION SYSTEMS**

**Paper—II**

Time Allowed—3 Hours] [Maximum Marks—75

**Note** :— Attempt *five* questions in all, selecting at least *one* question from each section. The *fifth* question may be attempted from any section. All questions carry equal marks.

**SECTION—A**

1. Define the term information. How it is different from data ? Discuss in detail different sources of information. 15
2. (a) What are the various characteristics of valuable information ? Discuss. 8  
(b) Explain the different methods of capturing on-line information. 7

**SECTION—B**

3. What do you understand by information system ? Explain various components of computer based information system in detail. 15
4. Development life cycle of information system consists different phases. Explain the working of each phase. 15

### SECTION—C

5. How Transaction Processing System becomes the basis for Management Information System ? Explain different types of reports produced by MIS. 15
6. What are the different components of Decision Support System ? How Expert System act as a DSS ? Explain. 15

### SECTION—D

7. What do you understand by Inventory Control System ? Explain its different types. Also discuss its advantages as well as disadvantages. 15
8. Explain Accounting Information System in detail along with its advantages and disadvantages. 15