

Roll No. : .....

Total No. of Pages : 4

# BCA-302

## BCA THIRD YEAR EXAMINATION, 2023 INFORMATION SYSTEMS

( Paper - II )

Time Allowed : Three Hours

Maximum Marks : 100

[Marks : 20]

### PART-A

**Note:** Answer all questions (50 words each). All questions carry equal marks.

### PART-B

[Marks : 50]

**Note:** Answer five questions (250 words each). Selecting one from each unit. All questions carry equal marks.

### PART-C

[Marks : 30]

**Note:** Answer any two questions (300 words each). All questions carry equal marks.

### PART-A

1. (i) Define the concept of data.
- (ii) What do you mean by Information System ?

- (iii) What do you mean by prototype?
- (iv) Define the term process.
- (v) What do you mean by the term "decision"?
- (vi) Define the term modeling.
- (vii) What are the latest hardware trends for information systems?
- (viii) How do you categorize the executive information systems?
- (ix) What do you mean by the models?
- (x) Define the term transaction.

## PART-B

### UNIT-I

- 2. What is information? What are its characteristics? Explain various types of information with suitable examples.
- 3. Discuss the impact of Information Technology on Management.

### UNIT-II

- 4. Discuss the structure of MIS.

5. Differentiate between MIS vs data processing.

### UNIT-III

6. Illustrate role of information in decision making by taking suitable example.

7. What is MIS ? Discuss its characteristics. Explain how MIS is different from DSS and EDP.

### UNIT-IV

8. Discuss the role of EIS in an organization and its impacts with suitable example.

9. Discuss the characteristics Executive Information Systems.

### UNIT-V

10. What are the several factors that led to the emergence of e-commerce in the market ?

11. Explain any one e-commerce business model with example.

### PART-C

12. Which aspects should be kept in mind while designing practical day-to-day life Information Systems ? Explain various issues in this regard.

13. Define the concept of System. When system is called Information System ? Explain various parts of an Information system.
14. Explain any one decision making model with example.
15. Explain in your own words how the data component relates to the hardware and software components of information systems.
16. How do the "transaction processing system" handle the transactions ? Discuss in detail.

—x—