

Roll No. ....

(05/25)

**14335**

**B.C.A. EXAMINATION**

(For Batch 2021 & Onwards)

(Fourth Semester)

**MANAGEMENT INFORMATION SYSTEM**

**BCA-45**

*Time : Three Hours*

*Maximum Marks : 80*

**Note :** Q. No. 1 is compulsory. Attempt *four* more questions by selecting *one* question from each Unit. All questions carry equal marks.

**(Compulsory Question)**

**(Short Answer Type Question)**

1. (i) What is Information System ? Define.
- (ii) What is Human Resource/Personnel Management System ?

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**P.T.O.**

- (iii) What is the role of planning in Decision Support System ?
- (iv) Differentiate between structured and unstructured decision.
- (v) What is the importance of information system for managers ?
- (vi) What do you mean by the term 'EDP' ?
- (vii) What are levels of management ?
- (viii) Distinguish between data verification and data validation. 8×2=16

### Unit I

- 2. What do you understand by system ? Explain different types of system. Also explain the characteristics of a system. 16
- 3. Explain the following : 8,8
  - (a) EDP
  - (b) DSS.

## **Unit II**

4. Explain the following : 5,5,6
- (a) Adaptive open system
  - (b) Components of MIS
  - (c) Data life-cycle
5. (a) Explain different types of decisions. 8
- (b) Explain the purpose of decision making.  
What are the methods used for decision making ? 8

## **Unit III**

6. What do you understand by evaluation of information systems ? Explain various evaluation approaches in brief. 16
7. Explain the following : 8,8
- (a) System Design
  - (b) Pitfalls in MIS development.



## Unit IV

8. (a) Write components and structure of decision support system (DSS). 8
- (b) What is production information system ? Explain. 8
9. What do understand by e-commerce ? Discuss various type of e-commerce in detail. Also explain technologies and applications of e-commerce. 16