

Sl. No. 503

BACT 354

No. of Printed Pages : 4

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 1124

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BCA Examination 2018-2019

(Fifth Semester)

INFORMATION SYSTEMS

Time : Three Hours]

[Maximum Marks : 100

Note :- Attempt all questions.

1. Attempt any four parts of the following : $5 \times 4 = 20$
 - (a) What is an Information System? Describe the fundamental role of Information System in business.
 - (b) Describe briefly formal and informal information.
 - (c) What is meant by the word "system"? Discuss the characteristics of a system with suitable examples.
 - (d) Describe the various components of an Information System.

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- (e) Describe how e-commerce affects careers in the four major business functions.
 - (f) How the effectiveness of an Information System is ascertained?
2. Attempt any four parts of the following : $5 \times 4 = 20$
- (a) Define Management. Give various management functions at the various management levels.
 - (b) Describe various parameters on which an organisation is structured.
 - (c) Distinguish between structured and unstructured decisions.
 - (d) What is an Expert System? Describe the components of experts system.
 - (e) Describe Transaction Processing System with the help of an example.
 - (f) Distinguish between MIS and DSS.
3. Attempt any four parts of the following : $5 \times 4 = 20$
- (a) Explain the information system model with suitable diagram.

- (b) Describe the block diagram of hardware components used in information system.
 - (c) Define Verification and Validation in detail.
 - (d) "Rigorous software testing leads to successful software development". Justify the statement.
 - (e) Describe briefly System testing and Acceptance testing.
 - (f) What is an Executive Information System?
4. Attempt any two parts of the following : $10 \times 2 = 20$
- (a) What top management should do to assure information system control and quality? Design an organisation chart of an MIS division.
 - (b) How many types of decisions are used in information system? Explain different types of decision making in information system.
 - (c) What are the limitations of MIS? Explain with their reasons.

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5. Attempt any two part of the following : $10 \times 2 = 20$

- (a) Briefly discuss the components and benefits of Decision support System. Show the relationship between MIS and DSS.
- (b) What do you mean by Supply Chain Management? Explain the same with suitable example.
- (c) How Customer Relationship Management is helpful for business? Explain.

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