

P-840

Total Pages : 3

Roll No.

BCA-12

System Analysis and Design

Bachelor of Computer Application (BCA)

4th Semester Examination, 2023 (June)

Time : 2 Hours]

[Max. Marks : 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION-A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. Discuss the various responsibilities of a system analyst.

2. Discuss the concept of MIS and DSS. How are they related? How do they differ?
3. What is documentation? Explain the uses of documentation.
4. Define System Audit. Also discuss the types of auditors.
5. Discuss the various types of testing.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. Define a system and sub-system with an example.
2. State the differences between cohesion and coupling.
3. What is an information system? What are the different types of information systems?
4. What is SDLC? What are phases associated with SDLC?
5. What is the purpose of information gathering tools?

6. What is cost benefit analysis? Explain.
 7. What is Structured English? State its advantages.
 8. What is DFD? What are the main merits of using a DFD?
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