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Total No. of Pages : 02

Total No. of Questions : 07

BCA (2011 & Onward) (Sem.-3)
SYSTEM ANALYSIS AND DESIGN

Subject Code : BSBC-301

Paper ID : [B0228]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of TEN questions carrying TWO marks each.
2. **SECTION-B** contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION A

1. Write briefly :

- a) Differentiate between Open and Close system.
- b) What is the role of questionnaire in information gathering at analysis level?
- c) How are system analysis & design related?
- d) What is the objective of testing?
- e) What are the various elements of a system?
- f) What is meant by feasibility study?
- g) What is unit testing?
- h) Why is system maintenance important?
- i) What are on-site observations?
- j) What is top down design?

SECTION B

2. What is a system? Discuss the various characteristics of a system.
3. What is a file? Discuss various file organizations.
4. Differentiate between Alpha and Beta testing with suitable examples.
5. What is a pilot system? How does it help in implementation? Discuss.
6. How is the design documented? Outline various characteristics of a design document.
7. What are structured analysis tools? Discuss.