Roll No.

Total No. of Pages: 02

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BCA (2017 to 2020) (Sem.-3) SYSTEM ANALYSIS & DESIGN

Subject Code: BSBC-301 M.Code: 10057

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

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

SECTION-A

Answer briefly:

- 1. List various characteristics of the system.
- 2. Differentiate deterministic and stochastic systems.
- 3. What are various stages of the system design?
- 4. Differentiate logical and physical design.
- 5. Define File. What are its different types?
- 6. What are different principles of system documentation?
- 7. Why a system analyst is required?
- 8. What is zero level DFD?
- 9. Differentiate alpha and beta testing.
- 10. What is acceptance testing?

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SECTION-B

- 11. Describe the concept of a system. Why is this concept so important in organization and information system? Explain.
- What are various types of documentation? Discuss the significance of each 12. documentation type.
- 13. What is unit testing? How it is different from integration and system testing? Explain with example.
- 14. Write notes on the following:
 - a) Decision tree and decision table.
 - b) Significance of regression testing.
- 15. What is system implementation process? Discuss the merits and demerits of each system implementation method.
- 16. Explain the following:
 - a) Need of preventive and perfective maintenance downloaded from
 - b) Information gathering tools

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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