

March 2017

Code: 8449

Second Year B.Sc. (I.T.)

Paper No. 205: System Analysis and Design

Total Marks: 100

Time: 3 Hours

- Q.1 (a) What is Information? Explain about information system in detail. [10]
(b) Describe about System Analysis. What are the roles of System Analyst? [10]
- OR**
- Q.1 (a) What is system? Explain the characteristics of the System. [10]
(b) Describe the types of system in detail. [10]
- Q.2 (a) Describe about techniques to develop design for the system. [10]
(b) What is system testing? How can we test system? Explain in detail. [10]
- OR**
- Q.2 (a) What is the requirement to analysis and determination of system? Explain in detail. [10]
(b) How can we implement and evaluate the system in an organization? Describe in detail. [10]
- Q.3 (a) Write a short note on System survey. [10]
(b) What is SSADM? What are its advantages? [10]
- OR**
- Q.3 (a) Explain the elements of structured Analysis in detail. [10]
(b) What is Structured Design? Explain in detail. [10]
- Q.4 (a) Explain Fact Gathering Techniques : Interviewing, Observation. [10]
(b) Describe the testing techniques in detail. [10]
- OR**
- Q.4 (a) What are the implementation methods for the system? Describe in detail. [10]
(b) What are the objectives and principles of output design? [10]
- Q.5 (a) Write a short note on Decision tables. [10]
(b) Explain about data dictionary in detail. [10]
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- OR**
- Q.5 (a) What is DFD? Explain logical and physical DFD with suitable example. [10]
(b) What is Structure English? Explain with suitable example in detail. [10]
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