

29 NOV 2018

B.C.A Sem-3 Examination October/November 2018

Subject Code: 20633

System Analysis & Design

Total: 70 Marks

Time: 2 ½ Hrs

Q – 1 Answer the following questions.

1. Who is System Analyst? Explain the roles of system analyst in detail. 07
2. What is system? Explain Elements of the system. 07

OR

Q – 1 Answer the following questions.

1. Write a short note on Categories of Information System. 07
2. What is User? Explain types system. 07

Q – 2 Answer the following questions.

1. What is SDLC? Explain Problem Identification and Feasibility Study. 07
2. State the application and limitation of SDLC. 07

OR

Q – 2 Answer the following questions.

1. What is SDLC? Explain System design phase in detail. 07
2. Explain the case study of student management system according to the phase of SDLC. 07

Q – 3 Answer the following questions.

1. What is SSADM? Explain Structured Analysis and Structured Design. 07
2. Advantages of SSADM. 07

OR

Q – 3 Answer the following questions.

1. Why there is a need of Structured Analysis and Design. 07
2. Write a short note on SPM. 07

Q – 4 Answer the following questions.

1. Explain interview and questionnaire fact finding techniques. 07
2. Differentiate: Data Verification V/S Data Validation. 07

OR

Q – 4 Answer the following questions.

1. What is Output? Explain output principals in details. 07
2. Explain Input – data capture objectives. 07

Q – 5 Answer the following questions.

1. Draw the context level and first level DFD for Payroll Management System. (make your own assumption) 07
2. Write a detailed note on HIPO model and Warnier/Orr diagrams. 07

OR

Q – 5 Answer the following questions.

1. What do you mean by Data Flow Diagram? What are the symbols used to design DFD? Explain in detail with example. 07
2. Explain Decision Tree and Decision Table with example. 07