SARDAR PATEL UNIVERSITY BBA (ITM) (II Sem.) Examination Tuesday, 25 February 2014 2.30 - 4.30 pm UM02CBBI03 - Systems Analysis & Design

Total Marks: 60

Q.1(A) (B)	Explain Characteristics of System. Discuss Role of Systems Analyst.	[7] [8]
OR		
Q.1(A) (B)	What is System? Draw and Explain General Model of System. Explain: 1. Interface 2. Subsystem 3. Conceptual and Physical systems 4. Open and Closed systems	[7] [8]
Q.2 (A) (B) (C)	What is SDLC? Explain System Requirement Analysis. List Types of Feasibility study. Explain Need of Feasibility study. Differentiate: System Analysis & System Design	[5] [6] [4]
OR		
Q.2 (A) (B) (C)	Give importance of Problem Identification stage and explain types of problem encountered in systems. Discuss System Implementation and Maintenance in SDLC. Explain System Evaluation in SDLC.	[6] [5] [4]
Q.3 (A) (B) (C)	Discuss need of SSADM. Explain Structured Analysis. Write a note Structured English. OR	[6] [5] [4]
Q.3 (A) (B) (C)	What is SSADM? Discuss Advantages of SSADM. What is Decision Table? Explain advantages of Decision Table. What is Data Dictionary? Explain Components of Data Dictionary	[6] [5] [4]
Q.4 (A) (B) (C)	Write a note on Interviews. Discuss steps in Data Capture. What is DFD? Explain symbols used in DFD.	[5] [5] [5]
OR		
Q.4 (A) (B) (C)	Explain Questionnaires. Explain various field checks applied to data during validation run. State rules to construct DFD. Draw DFD for Railway Reservation System.	[4] [4] [7]