[12]   **SARDAR PATEL UNIVERSITY**
       FYBBA (ITM) Examination, Semester – II (CBCS)
             System Analysis and Design
                    UM02CBBI03

Date: Friday 10th April, 2015
Time: 02:30 p.m. to 04:30 p.m.   **Total Marks: 60**

Q – 1   [A]   What is System? Explain various Characteristics of the System in   [09]
              detail

        [B]   Explain following System Concepts in brief: [06]
              a)   Boundary and Environment
              b)   Subsystem
              c)   Feedback Control

                              OR

Q – 1   [A]   What do you mean by System Analyst? Explain different roles of   [08]
              System Analyst in detail.

        [B]   Explain various types of System in detail.   [07]

Q – 2   [A]   Explain following Phases in detail: [10]
              a)   Problem Identification
              b)   System Implementation, Maintenance and Evaluation

        [B]   Differentiate: System Analysis and System Design   [05]

                              OR

Q – 2   [A]   What is SDLC? Explain System Design Specification &   [09]
              Programming in detail.

        [B]   Explain the following in brief: [06]
              a)   Technical Feasibility
              b)   Economic Feasibility
              c)   Operational Feasibility

Q – 3   [A]   Explain the following in brief: [09]
              a)   Decision Table
              b)   Decision Tree
              c)   Structured English

        [B]   What is SSADM? Explain the need of SSADM in detail.   [06]

OR

Q – 3   [A]   Explain Structured Analysis phase of SSADM in detail.   [09]

     [B]   What are the various advantages of SSADM? Explain it.   [06]

Q – 4   [A]   What is Data Capture? Explain the basic steps for Data [08] Capture in detail.

     [B]   Explain Interviewing with its advantages and disadvantages.   [07]

OR

Q – 4   [A]   What is DFD? Explain the Symbols and Rules used for [09] drawing DFD.

     [B]   What is Questionnaire? Explain in detail.   [06]

~~~~~~~~ *Best of Luck* ~~~~~~~~