Seat No.:	Enrolment No

## **GUJARAT TECHNOLOGICAL UNIVERSITY** BE - SEMESTER-VIII • EXAMINATION – SUMMER 2013

Subject Code: 181503 Date: 09/05/2013 Subject Name: Management Information System (Department Elective-II) Time: 10:30 am TO 01:00 pm **Total Marks: 70** Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. Q.1 (a) Define and classify systems. Discuss examples of each in a banking system. 07 **(b)** Discuss implication of Information system design in enhancing productivity of the administration in any organization. (a) Discuss the management hierarchy in the company where you undertook your 07 Q.2 project work. (b) Discuss role of effective MIS in an organization. Take an example of advertising 07 & media. Or (b) Take an example of Railway reservation system, and criticize 07 characteristics of good MIS therein. Discuss components of a typical manufacturing system and typical reports Q.3 generated by each of its sub-system. (b) Distinguish data and information citing an example of a smart card based 07 driving license. Or (a) Discuss data flows and components of a typical marketing information 07 **Q.3** (b) Discuss conceptual design phase of MIS development, and detail various salient 07 features of this phase. **Q.4** (a) Discuss Programmed decision v/s Non- programmed decision. Elaborate 07 what should be the general approach. (b) Define and discuss DBMS in light of its crucialness for the MIS. Discuss 07 components of the DBMS. Or (a) Discuss Detail design phase of MIS development, and detail various salient 07 **Q.4** features of this phase. **Q.4 (b)** Distinguish Decision support system and Transaction processing system. 07 Take any example. (a) Describe Problems and remedies in Implementation of MIS. **Q.5** 07 (b) Discuss concept of file, records and field in building a database, citing an example. Or (a) Discuss relational database management system, and its structure. 0.5 07 **(b)** Distinguish off-line and on-line data processing, quoting example of airline reservation system.

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