Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VIII • EXAMINATION – SUMMER 2014

Subject Code: 181503 Date: 27-05-2014 **Subject Name: Management Information System** 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. Explain the concept of system and its principle categories. Discuss principle elements of a 07 **Q.1** typical system. (b) Discuss how information system design influences the productivity of any organization. 07 Take an example of public services. 07 0.2 Discuss the management hierarchy in the company where you undertook your project work. Discuss role of effective MIS in an organization. Explain quoting example of a giant retail 07 chain. OR Take an example of phone-booking of domestic gas cylinders, and criticize 07 characteristics of good MIS therein. Discuss components of a typical manufacturing system and typical reports generated by each of **07** 0.3 (a) its sub-system. Distinguish data and information citing an example of "Aadhar-card" owned by 07 **(b)** citizens. OR Q.3Discuss data flows and components of a typical human resource information system. 07 (a) Discuss conceptual design phase of MIS development, and detail various salient features of this 07 phase. Take an example of inventory control system. **Q.4** Discuss Programmed decision v/s Non- programmed decision. Elaborate what should 07 be the general approach while building an MIS in context of these decisions. Define and discuss DBMS in light of its crucialness for the MIS. Discuss components 07 of the DBMS. OR Discuss Detail design phase of MIS development, and detail various salient features of this 0.4 07 phase. Take an example of manufacturing subsystem. Distinguish Decision support system and Transaction processing system. Take any **Q.4 (b)** 07 example. Discuss difficulties and their remedies during implementation of MIS. 0.5 (a) 07 Discuss concept of file, records and field in building a database, citing an example of 07 **(b)** student section database of your institute. **Q.5** Discuss relational database management system, and its structure. **07** (a) Distinguish off-line and on-line data processing, quoting example of rail reservation **(b) 07** system.
