

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.

- Q.1 (a)** Explain the concept of system and its principle categories. Discuss principle elements of a typical system. **07**
- (b)** Discuss how information system design influences the productivity of any organization. Take an example of public services. **07**

- Q.2 (a)** Discuss the management hierarchy in the company where you undertook your project work. **07**
- (b)** Discuss role of effective MIS in an organization. Explain quoting example of a giant retail chain. **07**

OR

- (b)** Take an example of phone-booking of domestic gas cylinders, and criticize characteristics of good MIS therein. **07**

- Q.3 (a)** Discuss components of a typical manufacturing system and typical reports generated by each of its sub-system. **07**
- (b)** Distinguish data and information citing an example of “Aadhar-card” owned by citizens. **07**

OR

- Q.3 (a)** Discuss data flows and components of a typical human resource information system. **07**
- (b)** Discuss conceptual design phase of MIS development, and detail various salient features of this phase. Take an example of inventory control system. **07**

- Q.4 (a)** Discuss Programmed decision v/s Non- programmed decision. Elaborate what should be the general approach while building an MIS in context of these decisions. **07**
- (b)** Define and discuss DBMS in light of its crucialness for the MIS. Discuss components of the DBMS. **07**

OR

- Q.4 (a)** Discuss Detail design phase of MIS development, and detail various salient features of this phase. Take an example of manufacturing subsystem. **07**
- Q.4 (b)** Distinguish Decision support system and Transaction processing system. Take any example. **07**

- Q.5 (a)** Discuss difficulties and their remedies during implementation of MIS. **07**
- (b)** Discuss concept of file, records and field in building a database, citing an example of student section database of your institute. **07**

OR

- Q.5 (a)** Discuss relational database management system, and its structure. **07**
- (b)** Distinguish off-line and on-line data processing, quoting example of rail reservation system. **07**
