

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VIII (NEW) - EXAMINATION – SUMMER 2018****Subject Code: 2181503****Date: 30/04/2018****Subject Name: Management Information System (Department Elective - III)****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.

	MARKS
Q.1 (a) Define MIS.	03
(b) Discuss application of MIS in Indian industries.	04
(c) Discuss how information system design influences the productivity of any organization. Take an example of public services.	07
Q.2 (a) Define and classify systems.	03
(b) Explain the system concept with its various components.	04
(c) "Without computer, it will very difficult to implement MIS." -Criticize the statement.	07
OR	
(c) Distinguish data and information citing example of "Aadhar-card".	07
Q.3 (a) Explain in short the necessity of system analysis.	03
(b) Discuss detail design phase of MIS development.	04
(c) Take an example of Railway reservation system, and criticize characteristics of good MIS therein.	07
OR	
Q.3 (a) Describe main three problems in implementation of MIS.	03
(b) Distinguish off-line and on-line data processing.	04
(c) Discuss role of effective MIS in an organization. Explain quoting example of a giant retail chain.	07
Q.4 (a) Define database management.	03
(b) Discuss Programmed decision v/s Non- programmed decision.	04
(c) How will you identified and develop sources of information?	07
OR	
Q.4 (a) What do you mean by 'Transaction processing system'?	03
(b) Explain the concept of data base management citing an example.	04
(c) Discuss data flows and components of a typical marketing information system.	07
Q.5 (a) What is DSS?	03
(b) Explain application of DSS with suitable example.	04
(c) Discuss relational database management system, and its structure.	07
OR	
Q.5 (a) List out various database models.	03
(b) What do you know about 'Artificial intelligence and Expert system'?	04
(c) Discuss concept of file, records and field in building a database, citing an example of student section database of your institute.	07
