

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

SEMESTER– 4 EXAMINATION – WINTER 2012

Subject code: 640004

Date: 10/01/2013

Subject Name: Management Information Systems

Time: 10:30 – 13:00

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) What is the need of Computer Based Information System? Explain the qualities of information system in detail with example. **07**
- (b) Explain the methods for selecting the best alternative in decision making. Justify the suitability of the methods. **07**
- Q.2** (a) Write down short note on 'Impact of IT on privacy and society'. **07**
- (b) Discuss System Controls. Also explain Types of Systems in detail **07**
- OR**
- (b) Discuss technical solutions for privacy protection. **07**
- Q.3** (a) Explain different parameters which have an impact on information quality. Give examples. **07**
- (b) Discuss the methods of determining the information requirements. **07**
- OR**
- Q.3** (a) Discuss the methods of Data and Information collection. **07**
- (b) Explain generalized model of the system with concept of filter and boundary. Explain with example. **07**
- Q.4** (a) Explain Knowledge Management System Architecture in detail. Briefly explain tools for Knowledge Management. **07**
- (b) Explain DSS Models in brief. Discuss examples of any one model in detail. **07**
- OR**
- Q.4** (a) Discuss types of Decision Support System. Also discuss facts about DSS. **07**
- Q.4** (b) Distinguish between the manufacturing sector and service sector in terms of character, focus and deliverables. **07**
- Q.5** (a) How would you control quality of service through MIS support? Explain with example of any one service industry. **07**
- (b) Identify the master data in the following applications- Personal, Finance, Production and Marketing. **07**
- OR**
- Q.5** (a) Explain how systems are vulnerable by the use of internet and Wi-Fi. **07**
- (b) Write a short note on disaster recovery planning and business continuity planning. **07**
