

GUJARAT TECHNOLOGICAL UNIVERSITY
MAM - SEMESTER– VI EXAMINATION – SUMMER 2022

Subject Code: 4160504**Date: 07/06/2022****Subject Name: Information Systems****Time: 10:30 am to 01:30 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) What is an Information System? Explain the components of Information System. **07**
(b) Differentiate between Internet, Intranet & Extranet. **07**
- Q.2** (a) Explain the relationship between Data and Information. Explain the classification of Information based on Application and Characteristics. **07**
(b) Describe the classification of Information Systems based on Operations and Management Support functions. **07**
- OR**
- (b) Describe the role and responsibilities of CIO (Chief Information Officer) in an organization. **07**
- Q.3** (a) What is Transaction Processing System; explain with examples two types of TPS Systems. **07**
(b) What is DSS? Explain how DSS is helpful for managers to take effective decisions? **07**
- OR**
- Q.3** (a) Explain the scope and advantages of Office Automation Systems. **07**
(b) Explain the differences between DSS and MIS. **07**
- Q.4** (a) What is meant by Office Automation Systems? Describe the features and components of OAS. **07**
(b) Explain Various types of Computer Crimes involved in today's technology oriented world. **07**
- OR**
- Q.4** (a) What are the objectives and Characteristics of Management Information System? **07**
(b) Describe the role of E-commerce today, the different types of E-commerce models – B2B, B2C and C2C. **07**
- Q.5** (a) What is ESS? Explain the role of ESS in critical decision making for top management. **07**
(b) What are Technology Ethics and the guidelines to maintain the technology Ethics? **07**
- OR**
- Q.5** (a) What is ERP? Explain the implementation process of ERP. **07**
(b) Explain how the roles of computer based information systems have expanded over time and its impact on organization. **07**
