

GUJARAT TECHNOLOGICAL UNIVERSITY
ME – SEMESTER-II(NEW)-EXAMINATION – WINTER-2020

Subject Code:3720218**Date: 01/Feb/2021****Subject Name: Secure Software Design and Enterprise Computing****Time: 02:00 PM To 04:00 PM****Total Marks: 56****Instructions:**

1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Explain what do you mean by ERP? Give advantage of ERP. **07**
Discuss the future of ERP systems.
- (b) Explain Directory based server architecture in detail. **07**
- Q.2** (a) Explain the process of securing E-mail. **07**
(b) Explain DNS and DHCP in detail. **07**
- Q.3** (a) How EAI applications benefit Business? How is EAI hub model **07**
better than point-to-point connection?
- (b) What is SQL Injection? Explain the types of SQL Injection attack. **07**
- Q.4** (a) Write basic functions of CRM Module of Microsoft Dynamics? **07**
(b) Explain about E-commerce security in detail. **07**
- Q.5** (a) Explain E-Business Architecture as an integration of various **07**
systems in brief.
- (b) What is Quality Management? Describe the functions of Quality **07**
Management module.
- Q.6** (a) Explain different types of ERP Security issues. **07**
(b) What is Product Data Management? Explain importance of **07**
Product Data Management in detail.
- Q.7** (a) Discuss Advantage and Disadvantage of Multi-Tier architectures. **07**
(b) Explain Clustering with respect to Enterprise System **07**
Administration.
- Q.8** (a) Discuss Advantage and Disadvantage of Enterprise System. **07**
(b) What is OWASP? Describe OWASP top 10 vulnerabilities. **07**
