

GUJARAT TECHNOLOGICAL UNIVERSITY
ME – SEMESTER – II(New)• EXAMINATION – SUMMER - 2020

Subject Code:3720218**Date: 28/10/2020****Subject Name: Secure Software Design and Enterprise Computing****Time: 02:30 PM TO 05:00 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) What is vulnerability? How to manage it. **07**
- (b) Explain the significant phases of C secured software development life cycle. **07**
- Q.2** (a) How to manage data protection in security mechanism. **07**
- (b) Describe the nature and scope of enterprise software applications **07**
- OR**
- (b) Explain three-tier enterprise system architecture with suitable diagram **07**
- Q.3** (a) Explain in detail distributed N-tier software application. **07**
- (b) Discuss Directory based server architecture in detail. **07**
- OR**
- Q.3** (a) Discuss technical requirements in planning the enterprise network. **07**
- (b) What is Product Data Management and what are the benefits of it explain in detail. **07**
- Q.4** (a) Write basic functions of CRM Module of Microsoft Dynamics? **07**
- (b) What are the functions of Quality Management module. **07**
- OR**
- Q.4** (a) What is SQL Injection? How SQL Injection Works. **07**
- (b) How to manage enterprise network in detail. **07**
- Q.5** (a) What Is SQL Injection Vulnerability? Explain different Types of SQL Injection Vulnerability. **07**
- (b) Explain DNS with suitable example. **07**
- OR**
- Q.5** (a) Explain in detail how to prevent against the SQL Injection attacks. **07**
- (b) Explain DHCP with suitable example. **07**
