

Seat No./Enrollment No.: _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BACHELOR OF ENGINEERING – SEMESTER 7 – EXAMINATION – SUMMER 2026

Subject Code: 3174210

Date: 03/06/2026

Subject Name: Enterprise Resource Planning

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.**
- 4. Simple and non-programmable scientific calculators are allowed.**

- Q.1**
- (a) Define ERP and explain its growth. **03**
 - (b) Write a short note on E-Governance. **04**
 - (c) What are the benefits of ERP and explain any two in detail. **07**
- Q.2**
- (a) Explain BPR. **03**
 - (b) Differentiate OLAP and OLTP. **04**
 - (c) Explain Decision Support System in detail. **07**
- OR
- Q.2**
- (c) Explain types of Management Information System. **07**
- Q.3**
- (a) Explain E-Procurement **03**
 - (b) Explain ERP module (Finance/Plant). **04**
 - (c) Explain MRP-II. **07**
- OR
- Q.3**
- (a) State features of DRP. **03**
 - (b) Explain the following terms with suitable examples: **04**
 - DSS
 - OLAP
 - MRP
 - (c) Write a detailed note on Material Requirement Planning. **07**
- Q.4**
- (a) Pros and cons of E-Business. **03**
 - (b) Differentiate EIS and DSS. **04**
 - (c) What is ERP ? explain its lifecycle in details. **07**
- OR
- Q.4**
- (a) Explain testing phase in brief. **03**
 - (b) How ASQO develop quality related cost. **04**
 - (c) “ERP is useful to improve supplier performance.” Justify. **07**
- Q.5**
- (a) State features of E-Commerce. **03**

(b) Explain ERP in Oracle at Cisco System **04**

(c) Discuss the role of ERP to integrate sales and service. **07**

OR

Q.5 **(a)** What are the types of ERP architecture? **03**

(b) Write a short note on SAP / Tiny ERP. **04**

(c) Discuss real-world applications of ERP and its role in business integration. **07**
