

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**ME – SEMESTER – III (New) • EXAMINATION – WINTER - 2020**

**Subject Code: 3730008****Date: 1/1/2021****Subject Name: Cost Management of Engineering Projects****Time: 10:30 AM TO 12:30 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) What is Strategic Cost Management and write objective and need of SCM. **07**  
(b) Explain the framework of SCM. **07**
- Q.2** (a) Write a detail note on components of SCM. **07**  
(b) Explain various types of cost concepts in decision making. **07**
- Q.3** (a) Write a note on tools used in SCM. **07**  
(b) What is the meaning of Project and explain the different types of project. **07**
- Q.4** (a) What is a database management system? What are its components? what is its significance for a planner? **07**  
(b) Why is Project Cost Management important and explain the process of managing project costs. **07**
- Q.5** (a) Enlist various quantitative techniques for cost management and explain any two in detail. **07**  
(b) What are the different types of engineering projects and explain various stages of project execution? **07**
- Q.6** (a) Critically discuss the difference between strategy and tactics. **07**  
(b) Explain the concept of Break Even Analysis. **07**
- Q.7** (a) Explain the difference between Marginal Costing and Absorption Costing. **07**  
(b) Explain Budgetary Control and what are the different types of budget? **07**
- Q.8** (a) Explain the concept of Cost – Volume – Profit analysis. **07**  
(b) Write a detail note on Pricing strategies. **07**

\*\*\*\*\*