

GUJARAT TECHNOLOGICAL UNIVERSITY
MBA– SEMESTER –III-EXAMINATION – WINTER-2023

Subject Code:4539285**Date: 02-12-2023****Subject Name: Project Management****Time:10:30 AM TO 1:30 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1** Briefly discuss the following concepts: **14**
- (a) Project planning
 - (b) Priority matrix
 - (c) CPM
 - (d) Work package
 - (e) Work breakdown structure
 - (f) Sources of project funding
 - (g) Perpetual project closure
- Q.2** (a) How project is different from routine repetitive activities? Discuss the characteristics of a project. **07**
- (b) Depict your understanding for Work Breakdown Structure. Develop the WBS for a project of making a racing car. **07**
- OR**
- (b) Discuss project life cycle stages. **07**
- Q.3** (a) Explain various factors involved in project scope checklist. **07**
- (b) What are various facilities given by Government of Gujarat to start a project? **07**
- OR**
- Q.3** (a) What are the stages of team development process of a project? **07**
- (b) How can a project manager develop the project network diagram? Discuss ways to develop a project network diagram. **07**
- Q.4** (a) Explain the importance of profitability analysis for a project. **07**
- (b) Discuss risk identification and risk assessment process. **07**
- OR**
- Q.4** (a) Discuss best practices in outsourcing project work. **07**
- (b) What do you understand by project audit process? Discuss. **07**

Mr. Bholenath is a person with entrepreneurial spirit. He has completed his Graduation from one of the premier institutes of technology in India. He did his specialization in the field of production engineering. After pursuing this degree, he worked in a leading corporate, for a period of two years. During that time period, he realized that he should start some business of his own instead of working for others and he decided to start his production unit. He has thought of setting up banana fiber extraction unit in Gujarat. During his study, he came across this project and saw a great opportunity in this field. He needs Rs. 30 lakhs (fixed and working capital) to start this unit. He is able to manage Rs. 12 lakhs from his internal sources. He is exploring various other options for raising the balance amount. He is approaching the investors. But everyone is demanding a project proposal. Since he is an engineer, he has technical knowhow but lacks expertise in writing a business plan.

Based upon the above case facts, give summary and answer the following questions. Make suitable assumptions wherever required:

- a) As a consultant, guide Mr. Bholenath on the content of writing a project report for this proposed venture.
- b) The project can't be handled by only one person. How can a project team be helpful in the project?

OR

- a) Mr. Bholenath is evaluating various equity and debt options for raising the fund required for his project. Please advise him which option is best suited in this situation and why? Also guide him specifically for various products and services of SIDBI.
- b) Explain various expertise required for this new product. What are the risks associated with this project? What may be the remedial plan for the same?
