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# B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

## February / March 2023 Semester End Main Examinations

**Programme: B.E.**

**Semester: VII**

**Branch: ES CLUSTER (ECE/ EEE/ ML/ EI/ ET)**

**Duration: 3 hrs.**

**Course Code: 19ES7HSPMF**

**Max Marks: 100**

**Course: Project Management and Finance**

**Date: 24.02.2023**

**Instructions:** 1. Answer any FIVE full questions, choosing one full question from each unit.  
2. Missing data, if any, may be suitably assumed.

### UNIT - I

- 1 a) Discuss in detail the various phases of Project Life cycle. **10**  
b) List and discuss the roles and traits of a Project Manager. What is the difference between Project Manager and Functional Manager? **10**

### UNIT - II

- 2 a) For a project on 'Designing a cost effective vehicle' if both cost estimate and overall schedule changed by 40% as compared to what is stated in the feasibility report, identify the type of estimate that was used and discuss the various types of Estimates in Project Management. **10**  
b) What are the various sources of financing available? Discuss the methods to Evaluate project profitability. **10**

### OR

- 3 a) Elucidate the importance of finalization of project implementation schedule. How to create a flawless implementation schedule for a project with an example? **10**  
b) What is zero date? List the pre-project activities that needs to be completed before zero date. With an example, show how you will fix up the zero date for your project. **10**

### UNIT - III

- 4 a) List and discuss the steps that must be included in all delegations. Show an example to demonstrate effective delegation in completion of your Engineering Project. **10**  
b) Differentiate in terms of accountability and authority given to project manager and Functional manager in Matrix and totally projectized organization. **10**

### OR

**Important Note:** Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
Revealing of identification, appeal to evaluator will be treated as malpractice.

- 5 a) Discuss the three R's of Contracting. What is Turnkey contract and why is it called as Turnkey? **10**
- b) As a project manager you are delegated to build a team. What are the seven C's that you adopt to build a successful project team? **10**

#### **UNIT - IV**

- 6 a) What is work breakdown structure? Discuss about the merits and demerits of different methods with example. **10**
- b) Discuss the need for Project control and Monitoring. What are the advantage of Project control and Monitoring? **10**

#### **UNIT - V**

- 7 a) Differentiate between Equity shares and Preference shares. **10**
- b) With an example discuss Internal Accruals? List out the advantages and disadvantages of it. **10**

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