

Code No: 761AG

R19

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MBA I Semester Examinations, February/March - 2024

PROJECT MANAGEMENT

Time: 3 Hours

Max.Marks:75

- Note: i) Question paper consists of Part A, Part B.  
ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.  
iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART - A

(25 Marks)

- 1.a) Illustrate the implementation of project management in public sector. [5]  
b) Brief on social cost benefit analysis of project appraisal. [5]  
c) Describe the project evaluation techniques in brief. [5]  
d) Explain the concept of lean production and project management. [5]  
e) Discuss the roles of project team and project manager in Project management. [5]

PART - B

(50 Marks)

- 2.a) What is project management? How is it different from general operations management?  
b) Mention and explain in brief four major tools used in project management. [5+5]

OR

- 3.a) What are the characteristics of “project management”?  
b) Briefly compare and contrast the following forms of project management: program, new venture, product, and portfolio. [5+5]

- 4.a) How risk can be managed in a project? Discuss various risk management strategies.  
b) Briefly describe the following risk identification techniques: analogy, checklists, WBS analysis, process flowcharts, and brainstorming. [5+5]

OR

- 5.a) Assume the following information:

Probability of failure

Maturity = 0.3

Complexity = 0.3

Dependency = 0.5

Consequences of failure

Cost = 0.1

Schedule = 0.7

Performance = 0.5

Calculate the overall risk factor for this project.

- b) Would you assess this level of risk as low, moderate, or high? Why? [5+5]

- 6.a) What is a time-phased budget? What is the difference between a budget and a cost estimate?

- b) Calculate the direct cost of labor for the project team using the following data. What is the overall direct cost of labor? [5+5]

Name	Hours Needed	Overhead charge	Personal Time Rate	Hourly Rate
A	40	1.35	1.12	\$17/hr.
B	100	1.80	1.12	\$31/hr.
C	80	1.35	0	\$9/hr.
D	65	1.80	1.12	\$34/hr.

OR

