



MBA DEGREE EXAMINATIONS: JAN 2023

(Regulation 2022)

First Semester

MASTER OF BUSINESS ADMINISTRATION – PROJECT MANAGEMENT

P22MPB1108 : Project Scope and Schedule Management

COURSE LEARNING OUTCOMES

CLO1: Explain the concepts of project scope and schedule management in project management

CLO2: Apply tools and techniques in projects for estimating project duration

CLO3: Establish suitable WBS charts for projects for the given project scope

Time: Two Hours

Maximum Marks: 50

PART A (1Q x 10 Marks = 10 Marks) Compulsory

1

Develop a WBS chart for a project of your choice mentioning the objectives and deliverables.

CLO3 K6

PART B (5Q x 2 Marks = 10 Marks)

2

Define project scope with an example.

CLO1 K1

3

Define milestone in projects with an example.

CLO1 K1

4

Explain project charter with an example.

CLO1 K2

5

List the qualities of a Project Manager.

CLO1 K1

6

Define crashing and its objective.

CLO1 K1

Part – C (3Qx10 Marks =30 marks) Answer Any 3 Questions only

7

Explain the types of scope creep with examples.

CLO2 K5

8

The following table gives the activities in days for a construction project and other related information:

Activity	Optimistic Time	Most Likely Time	Pessimistic Time
1-2	20	30	46
1-3	9	12	21
2-3	3	5	7
2-4	2	3	4
3-4	1	2	3
4-5	12	18	24

Draw the network diagram. Estimate the total project duration and the critical path. Estimate the probability for completing the project in 50 days (Area under the normal curve 0 to Z is given below for reference).

Z	0.00	0.01	0.02	0.03	0.04	0.05	0.06
1	0.3413	0.3438	0.3461	0.3485	0.3508	0.3531	0.3554
1.1	0.3643	0.3665	0.3686	0.3708	0.3749	0.3749	0.3770
1.2	0.3849	0.3869	0.3888	0.3907	0.3944	0.3944	0.3962

CLO2 K5

9 Discuss the advantages of networks in Project Management differentiating PERT from CPM with an example. CLO2 K6

10 A construction project involves the following activities. Draw the network diagram and mark the critical path. Estimate the project completion time.

Activity	1-2	1-3	2-4	3-5	4-6	5-6	6-7	5-7
Preceding activity	--	--	1-2	1-3	1-3 & 2-4	3-5	4-6 & 5-6	3-5
Duration in days	3	16	5	4	8	4	17	11

CLO2 K5
