

USN

--	--	--	--	--	--	--	--	--	--

 Shivaji University of Technology
 Warananagar

06ME667

Sixth Semester B.E. Degree Examination, June–July 2009
Project Management

Time: 3 hrs.

Max. Marks:100

Note : Answer any FIVE full questions, choosing at least TWO from each part.

PART - A

- 1 a. Explain with neat sketch project life cycle curve. (10 Marks)
 b. Define a project, categorise projects with examples. (10 Marks)
- 2 a. Explain the various factors of feasibility report of a project. (10 Marks)
 b. Explain the objectives and goals of a project. (10 Marks)
- 3 a. What are the skills and abilities required for a project manager? (10 Marks)
 b. Define tender and contract. Explain the various steps for the selection of contractors. (10 Marks)
- 4 A project has the following time schedule.

Activity	Time in weeks	Activity	Time in weeks
1 - 2	5	5 - 7	9
1 - 3	2	6 - 8	2
2 - 4	2	7 - 8	3
3 - 4	2	8 - 9	2
3 - 5	6	8 - 10	9
4 - 9	5	9 - 10	7
5 - 6	4		

Construct PERT network and compute

- a. T_E and T_L for each event.
- b. Float for each activity.
- c. Critical path and its duration. (20 Marks)

PART - B

- 5 a. With a neat sketch, explain the various stages of project direction. (10 Marks)
 b. Define control and explain the various types of project control. (10 Marks)
- 6 a. Explain the various performance indicators used in project management. (10 Marks)
 b. Explain CM and DM companies with a block diagram. (10 Marks)
- 7 a. Explain the project termination strategies. (10 Marks)
 b. Explain the methods of supply and transportation of materials to projects. (10 Marks)
- 8 Write short notes on the following :
 - a. Communication in a project. (05 Marks)
 - b. Tools and Techniques of project management. (05 Marks)
 - c. Gantt chart. (05 Marks)
 - d. Project Manager. (05 Marks)

Sixth Semester B.E. Degree Examination, May/June 2010

Project Management

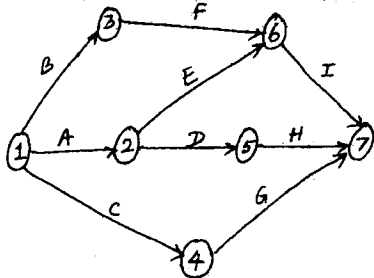
Time: 3 hrs.

Max. Marks:100

- Note: 1. Answer any FIVE full questions, selecting at least TWO questions from each part.**
2. Use of statistical table is allowed.

PART – A

- 1
 - a. Define a project. (03 Marks)
 - b. List out the roles and responsibilities of a project manager. (07 Marks)
 - c. Briefly explain the phases of a project management life cycle. (10 Marks)
- 2
 - a. What is feasibility study? When to use the feasibility study? (10 Marks)
 - b. Discuss the evaluation of project profitability. (10 Marks)
- 3
 - a. Explain the different types of project organizations, with a neat sketch. (08 Marks)
 - b. Define : i) Tender ii) Contract. (06 Marks)
 - c. Briefly explain the procedure for tendering and selection of contracts. (06 Marks)
- 4
 - a. Differentiate between forward scheduling and backward scheduling, with a block diagram. (08 Marks)
 - b. A project is represented by the network shown below and has the following data: (12 Marks)



Task	A	B	C	D	E	F	G	H	I
Least time	5	18	26	16	15	6	7	7	3
Most likely time	8	20	33	18	20	9	10	8	4
Greatest time	10	22	40	20	25	12	12	9	5

Determine : i) Expected the task times and their variance ; ii) The earliest and latest expected times ; iii) The critical path ; iv) The probability of node occurring at the proposed completion date, if the original contract time of completing the project is 41.5 weeks.

PART – B

- 5
 - a. Why control of projects in practice, tends to be ineffective? (06 Marks)
 - b. Define schedule control. (02 Marks)
 - c. Explain types of schedule control. (08 Marks)
 - d. List out the basic requirements of a project management information system. (04 Marks)
- 6
 - a. Explain performance indicators, in detail. (10 Marks)
 - b. Explain the project management through a CM company. (10 Marks)
- 7
 - a. Discuss evaluation strategies. (10 Marks)
 - b. Briefly explain : i) Project termination ii) Project audit. (10 Marks)
- 8

Write short notes on :

a) Inventory management	b) Just in time
c) Supply chain management	d) Outsourcing.

(20 Marks)
