

04141

MANAGEMENT PROGRAMME

Term-End Examination

June, 2012

MS-52 : PROJECT MANAGEMENT

Time : 3 hours

Maximum Marks : 100

(Weightage 70%)

Note : Answer *any four* questions. All questions carry *equal* marks.

1. (a) Describe the important phases of project life cycle.
(b) What do you understand about Environment Impact Assessment (EIA) ? Explain its role in the context of project management.

2. (a) What are the different levels of forcecasting and their respective role in decision making ?
(b) "Detailed Project Report (DPR) forms the foundation on which the entire superstructure of the project is built". Discuss and bring out the do's and don'ts of a good DPR.

3. (a) "Management of materials and equipment forms the core of project management" - Support your views giving supporting evidence.
- (b) What is resource Levelling ? Discuss the various methods of resource levelling.
4. (a) Explain the various sources of project financing.
- (b) What are the different organisation structures recommended for project organisation ? Discuss their advantages and disadvantages.
5. (a) Elaborate the concept of Earned value of the Budget in PERT/ COST System.
- (b) Explain the use and advantages of squared networks in project management.

6. A small project is composed of seven activities whose time estimates are given below.

Estimated Time (Weeks)			
ACTIVITY	Optimistic	Most Likely	Pessimistic
1-2	1	1	7
1-3	1	4	7
1-4	2	2	8
2-5	1	1	1
3-5	2	5	14
4-6	2	5	8
5-6	3	6	15

- (a) Draw the project Network
- (b) What is the expected Project Length ?
- (c) Determine the variance and standard deviation of the project.
- (d) Identify the critical path and activities
- (e) What due date has about 90% chance of being met ? (Take $Z = 1.29$)