

OM03/eOM03
PROJECT MANAGEMENT

Time: Three Hours

Maximum Marks: 100

Note:

The paper is divided in three sections: SECTION-A, SECTION-B and SECTION-C. There are seven questions in SECTION-A. Students are required to attempt ANY FOUR. SECTION-B has 5 questions, attempt ANY THREE. All the questions of SECTION-C (Case Study) are compulsory.

SECTION A (10 Marks each)

1. Explain the role, responsibilities & characteristics of a project manager. (10)
2. Write short notes on **any two** of the followings – (5+5)
 - (a) Time Value Money
 - (b) Project Cash Flow
 - (c) Project Mix
3. What are the roles of a project manager? What are the challenges for a project manager? (5+5)
4. What do you mean by a system view of project? How does taking system view help in project management, explain? (5+5)
5. How many phases in a traditional project life cycle? How does it differ from a product life cycle? (5+5)
6. What is project implementation? Explain the challenges, during the project implementation. (5+5)
7. Explain the following concepts: Gantt charts, and critical chain scheduling. (5+5)

SECTION B (15 Marks each)

8. Explain the Total Quality Management. What are the roles of Six Sigma in Total Quality Management? (5+10)

9. Differentiate between the followings- (5+5+5)
- (i) Project Planning V/s Project Control
 - (ii) Process Control V/s Quality Control
 - (iii) Project Management V/s Service Management
10. Discuss the role of a project manager? What are suggested skills of all project managers and how they are different for information technology project managers? (5+10)
11. What is a Project, and what are its main attributes? How is a project different from day-to-day activities? What is the triple constraint? (5+10)
12. Explain, what happens in each of the five project management process groups (initiating, planning, monitoring, and controlling)? On which process should team members spend the most time? (8+7)

SECTION – C

Case Study (Compulsory)

The information regarding a project is summarized below.

Activity	Normal Time, week	Crash Time, week	Normal Cost, Rs.	Crash Cost, Rs.
1 – 2	4	5	800	1000
1 – 3	2	2	600	800
1 – 4	7	6	1100	1400
2 – 4	3	3	800	1400
3 – 4	3	4	700	900

13. (a) Draw a Pert diagram & identify the critical path. (5)
- (b) What is the normal cost for completion of the project? (5)
- (c) If you are asked to crash the project by 1 week – what will be the additional cost? (5)