

Q1. Attempt All the Questions.

1(a) What are the three basic goals of a project and how do project managers achieve them in conditions of uncertainty? - Module No. 1 | (5 Marks)

1(b) Why is the project manager's role more of a facilitator rather than a supervisor? - Module No.1 | (5 Marks)

1(c) Explain the work breakdown structure - Module No. 4 | (5 Marks)

1(d) What is Goldratt's critical chain method? - Module No.4 | (5 Marks)

1(e) Briefly describe the purchasing cycle - Module No.4 | (5 Marks)

1(f) What are the four stages of team development and growth? - Module No.6 | (5 Marks)

Q2. Attempt All the Questions.

2(a) Swanson Industries has a potential project with an initial cost of Rs. 20,00,000. The capital budget allows us to accept only one project. Using the NPV method, which project should be selected? - Module No. 3 | (10 Marks)

Cash Flows (Year)	Project A	Project B	Project C	Project D

Cash Flows (Year)	Project A	Project B	Project C	Project D
1	5,00,000	6,00,000	10,00,000	3,00,000
2	5,00,000	6,00,000	8,00,000	5,00,000
3	5,00,000	6,00,000	6,00,000	7,00,000
4	5,00,000	6,00,000	4,00,000	9,00,000
5	5,00,000	6,00,000	2,00,000	11,00,000
Discount Rate	6%	9%	15%	22%

2(b) What is the project life cycle? How is the cost of change, risk, and influence of stakeholders affected by Project time during the life cycle of the project? - Module No.1 | (10 Marks)

Q3. Attempt All the Questions.

3(a) What are the responsibilities of the project auditor? What is essential for a successful project Audit? - Module No.5 | (10 Marks)

3(b) Explain probability and impact matrix. What are the risk response strategies for negative risks (threats) and positive risks (opportunities)? - Module No.4 | (10 Marks)

Q4. Attempt All the Questions.

4(a) Following are the manpower requirements for each activity in a project.

Activity	Normal Time	Man Power Required
0-1	2	4
1-2	3	3
1-3	4	3
2-4	2	5
3-5	4	3
3-6	3	4
4-7	6	3
5-7	6	6
6-8	5	2
7-9	4	2
8-9	4	9

(i) Draw the project network diagram.

(ii) Rearrange the activity suitably to reduce the existing total manpower requirement. - Module No.3 | (10 Marks)

4(b) Differentiate between the Functional, Pure Project, and Matrix organizations. - Module No.1 | (10 Marks)

(10 Marks)

Q5. Attempt All the Questions.

5(a) How communication is planned and managed in project management? - Module No.1 | (10 Marks)

5(b) A consulting project has an actual cost of Rs. 45000, Scheduled cost of Rs. 35000, and the value of completed work is Rs. 31000. Find the Scheduled and Cost Variance. Also, find SPI and CPI. - Module No.3 | (5 Marks)

5(c) State various project estimation and scheduling techniques. - Module No.3 | (5 Marks)

Q6. Attempt All the Questions.

6(a) What is a scope creep? How does a formal change control system work in project management? - Module No.5 | (10 Marks)

6(b) List and briefly describe the ways the project may be terminated. What are some nontechnical reasons for project termination - Module No. 4 | (10 Marks)