

[Time:2.30 Hrs]

[ Marks:75]

- N.B:
1. All question are compulsory.
  2. Figures to the right indicate full marks.
  3. Working note should form part of main answer
  4. Use of simple calculators is allowed

Q. 1. A. State whether the following are True or False (Any 8)

08

1. Profit maximization is the prime Objectives of public sector project .
2. Time is not an important constraint of any project.
3. Capital notes are type of debt vehicle.
4. A feasibility study is used to determine the validity of an idea.
5. Project planning is an iterative process.
6. Technical feasibility is about engineering aspect of the project.
7. Depreciation is a non-cash item.
8. Risk monitoring and controlling involves keeping a track of the identified risk.
9. ARR method is based on accounting profit.
10. Kaizen stands for profitability.

Q.1 B. Match the Column (Any 7)

07

	Column A		Column B
1.	Project Manager	(a)	Depends on FMP
2.	Debentures	(b)	Increases Financial Risk
3.	High Gearing	(c)	Has 5 Levels
4.	Yield Value	(d)	Leader of Project Team
5.	PMMM	(e)	Debt Security
6.	Project Audit	(f)	When Testing Fails
7.	Project Terminated	(g)	Controls Project
8.	Number Project Selection	(h)	The sacred cow.
9.	Non numeric Project Selection	(i)	Payback period
10.	System Integration	(j)	Engineering Process

- Q. 2. B. Explain the objectives of Project Management. (8)
- Q. 2. C. What is matrix organization? What are its merits and demerits? (7)
- Q. 3. A. Calculate the degree of Operating leverage, degree of financial leverage and the degree of combined leverage for the following firms. (15)

Particulars	P Ltd	Q Ltd	R Ltd.
Output( units)	50000	20000	10,000
Variable Cost (per unit) (RS.)	2.00	2.5	5.00
Fixed Cost ( in Rs.)	16,000	10,000	20,000
Interest ( in Rs)	5,000	10,000	7,000
Selling Price ( per unit ) ( in Rs.)	5.00	4.00	10.00

OR

- Q. 3. B. State and explain the methods of demand forecasting (8)
- Q. 3. C. Explain E-Commerce in Project Management. (7)
- Q. 4. A. Following is the Balance Sheet of Sunny Industries Ltd. as on 31<sup>st</sup> March, 2025: (15)

Liabilities	Rs.	Assets	Rs.
Equity Share Capital (5,00,000 shares of Rs. 10 each)	50,00,000	Land	14,00,000
General Reserve	15,00,000	Buildings	23,00,000
14% Debentures	10,00,000	Plant and Machinery	28,00,000
Creditors	5,00,000	Patents and Trademarks	3,00,000
Bank Overdraft	4,00,000	Stock	8,00,000
Provision For Taxation	1,00,000	Debtors	6,00,000
		Cash	2,00,000
		Bank	1,50,000
		Preliminary Expenses	1,00,000
	85,00,000		85,00,000

The profits of the company for the past four years are as follows:

Year	Rs.
2021-2022	12,00,000
2022-2023	15,00,000
2023-2024	21,00,000
2024-2025	23,00,000

Every year the company transfers 20% of its profits to the general reserve. The industry average rate of return is 15% of the share value. On 31<sup>st</sup> March, 2025 independent expert valuer has assessed the values of the following assets:

Assets	Rs.
Land	26,00,000
Buildings	40,00,000
Plant & Machinery	32,00,000
Debtors(after bad debts)	5,00,000
Patents & Trademarks	2,00,000

Based on the information given above, calculate the Fair Value of Sunny Industries share.

OR

- Q. 4. B. Discuss Project Management Maturity Model. 08
- Q. 4. C. Explain Continuous Improvement in Project Management. 07
- Q. 5. A. Calculate the debt service coverage and interest coverage ratio for granting Term Loan 15

Year	2020	2021	2022	2023	2024
EBIT	560	630	700	735	805

Additional Information:

- 1) Tax Rate @30%.
- 2) Principal amount of loan is repayable equally along with interest payable on outstanding loan at the end of each year.
- 3) Loan amount in consideration Rs. 1,750 lakh to be contracted @ of 9% p.a.
- 4) Repayment tenure 5 years.
- 5) Total Capital Investment in project: Rs. 2,500 lakhs depreciable equally over 5 years.

OR

- Q. 5. B Write Short Notes on Attempt (Any 3 out of 5) 15
1. Types of Risks in Project.
  2. Importance of Project Feasibility.
  3. Product Mix Analysis.
  4. Lean Manufacturing.
  5. Capacity Planning.

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