



**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(AUTONOMOUS)**

QUESTION BANK

Year / Semester: I MBA II Semester

Regulation: R22

Subject and Code: FINANCIAL MANAGEMENT & 22MBA121

SYLLABUS

I MBA – Semester - II					
Course Code	FINANCIAL MANAGEMENT	L	T	P	C
22MBA121		3	1	0	4

Course Educational Objectives (CEO):

- CEO1:** To provide basic knowledge on importance and applications of financial management in business, the role and functions of chief financial officer.
- CEO2:** To give an elaborate view about EBIT-EPS Analysis, Leverage Analysis and cost of capital - its calculation and how it is useful in decision making.
- CEO3:** To provide knowledge about various capital budgeting techniques.
- CEO4:** To make comprehend of dividend decisions and dividend theories (Walter's model, Gordon's model and M-M's Approach).
- CEO5:** To elucidate working capital management.

UNIT - I	The Finance Functions	Lecture Hrs: 8
Nature and Scope of Finance - Goals of Finance Function - Profit Maximization Vs Wealth Maximization - Risk-Return Trade off.		
UNIT - II	The Capital Structure Decision and Cost of Capital	Lecture Hrs: 12
Capital structure decision: Meaning- Factors influencing capital structure - Capital Structure Decision in Practice: EBIT-EPS Analysis – Leverage Analysis.		
Cost of Capital: Concept, Components, Determinants and Measurement of Cost of Capital -Cost of Equity, Preference Shares, Retained Earnings and Debt - Weighted Average Cost of Capital (WACC).		
UNIT - III	The Investment Decision	Lecture Hrs:12
Investment Decision Process - Evaluation Techniques: Traditional and Discounted Cash Flow Methods: Pay-back Period (PBP), Discounted Payback Period, Average Rate of Return (ARR), Net Present Value (NPV), Profitability Index (PI) and Internal Rate of Return (IRR) Methods.		
UNIT - IV	The Dividend Decision	Lecture Hrs:12
Meaning and determinants of dividend decision - Forms of Dividend – Theories of dividend policy: Walter's model, Gordon's model and M-M's Approach.		
UNIT - V	Working Capital Management	Lecture Hrs:12
Concept, Components and Determinants of Working Capital - Operating Cycle Approach - Estimation of Working Capital. Management of Cash: Introduction, Basic Strategies for Cash Management - Cash Budget.		



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Course Outcomes:		
On successful completion of the course the student will be able to,		POs related to COs
CO1	Understand the importance, role and functions of financial management.	PO1,PO8
CO2	Understand the importance of cost of capital in decision making and its calculation.	PO1, PO2, PO8
CO3	Evaluate investment decisions using capital budgeting techniques.	PO1, PO2, PO8
CO4	Demonstrate the knowledge on factors influencing capital structure and dividend decisions and Theories of dividend policy.	PO1, PO2,PO8
CO5	Understand the importance of working capital and management.	PO1, PO2, PO8
Text Books:		
1. Financial Management, I.M. Pandey, Vikas Publishers, 2015. 2. Financial Management, P.V.Kulakarni and B.G.Satya Prasad, Himalaya Publishing House Pvt. Ltd. India, 2011.		
Reference Books:		
1. Financial Management, Tulsian P. C. & Tulsian Bharat, S Chand and Company Limited, New Delhi, 2016. 2. Financial Management-Management and Polic R.M.Srivastava, Himalaya Publishing House Pvt. Ltd., India, 2010. 3. Financial Management-Text and Problems, MY Khan and PK Jain, Tata McGraw-Hill, New Delhi, 2007. 4. Fundamentals of Financial Management, Chandra Bose D, PHI, 2006. 5. Corporate Finance: Theory and Practice, 2/e, Vishwanath.S.R., Sage Publications, 2007. 6. Case Studies in Finance, 5/e, Bruner.R.F. Tata McGraw Hill, New Delhi, 2007. 7. Financial Management, Prasanna Chandra, Tata McGraw Hill, New Delhi, 2009.		
Online Learning Resources:		
https://nptel.ac.in/courses/110107144 https://onlinecourses.nptel.ac.in/noc20_mg31/preview		

Max Marks: 10



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S. No.	CO	Questions	BT
Unit I: The Finance Functions			
1	1	Explain the nature and scope of Finance and discuss how the finance function supports overall business operations in modern organizations.	L1
2	1	Evaluate the role of financial management in achieving organizational stability and growth. How does it influence strategic decision-making?	L5
3	1	Critically evaluate whether short-term financial goals conflict with long-term financial goals. Support your answer with examples.	L5
4	1	Differentiate between Profit Maximization and Wealth Maximization objectives. Analyze the limitations of profit maximization in modern corporate finance.	L4
5	1	Develop a decision-making framework for a company choosing between profit maximization and wealth maximization as its primary financial objective. Justify your model.	L6
6	1	“Profit maximization is a traditional concept, whereas wealth maximization is a superior objective.” Evaluate this statement with logical arguments and examples.	L5
7	1	Differentiate between Profit Maximization and Wealth Maximization objectives. Analyze the limitations of profit maximization in modern corporate finance.	L4
8	1	Explain the concept of Risk–Return Trade-off. Using a suitable example, analyze how a finance manager makes investment decisions under varying levels of risk.	L4
9	1	Evaluate the importance of the Risk–Return Trade-off in capital budgeting and portfolio decisions. How does it affect shareholder wealth?	L5
10	1	Design a hypothetical investment portfolio for a moderate-risk investor and justify your choices based on the Risk–Return Trade-off principle.	L6



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S. No.	CO	Questions	BT
Unit II: The Capital Structure Decision and Cost of Capital The Capital Structure Decision and Cost of Capital			
1	2	Explain the meaning of capital structure and discuss the major factors influencing capital structure decisions in a firm.	L1
2	2	Analyze the internal and external factors that influence capital structure decisions. How do business risk and financial risk affect the choice between debt and equity?	L4
3	2	A company is considering two financing plans: Plan A – 100% Equity Plan B – 50% Equity and 50% Debt (10% interest). EBIT is expected to be ₹10,00,000. Tax Rate – 50% Apply EBIT–EPS analysis to determine which plan is more beneficial to equity shareholders. Interpret the results.	L3
4	2	Discuss the concept of Leverage . Analyze the impact of operating leverage, financial leverage, and combined leverage on a firm's earnings.	L4
5	2	Suppose, ABC Ltd. which is expecting the EBIT of Rs.1,50,000 per annum on an investment Rs.5,00,000, is considering the finalization of the capital structure or the financial plan. The company has access to raise funds of varying amounts by issuing equity share capital, 12% preference share and 10% debenture or any combination thereof. Suppose, it analyzes the following four options to raise the required funds of Rs.5,00,000. 1. By issuing equity share capital at par. 2. 50% funds by equity share capital and 50% funds by preference shares. 3. 5% funds by equity share capital, 25% by preference shares and 25% by issue of 10% debentures. 4. 2 5% funds by equity share capital, 25% as preference share and 50% by the issue of 10% debentures. Assuming that ABC Ltd. belongs to 50% tax bracket. Evaluate the EPS under the above four options and suggest which option is the best.	L5
6	2	The following details are provided by JP Limited: Units Sold: 10,000	L1



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		<p>Selling Price per unit: ₹50 Variable Cost per unit: ₹30 Fixed Operating Cost: ₹1,00,000 Interest Expense: ₹20,000</p> <p>You are required to calculate the operating, financial and combined leverages of the company.</p>	
7	2	Explain the concept and components of Cost of Capital . Why is cost of capital considered the minimum required rate of return?	L4
8	2	Discuss the determinants of cost of capital and analyze how market conditions influence the cost of various sources of finance.	L3
9	2	<p>A company has the following capital structure:</p> <ul style="list-style-type: none"> Equity Share Capital: ₹5,00,000 (Cost of Equity = 14%) Preference Share Capital: ₹2,00,000 (Cost = 10%) Debt: ₹3,00,000 (Cost = 8%) <p>Calculate the Weighted Average Cost of Capital (WACC) and interpret the result.</p>	L4
10	2	Explain and analyze the methods of measuring the cost of equity, cost of preference shares, cost of retained earnings, and cost of debt.	L5
11	2	<p>The following details are provided by GPS Limited:</p> <p>Equity Share capital ` 65,00,000 12% Preference Share Capital ` 12,00,000 15% Redeemable Debentures ` 20,00,000 10% Convertible Debentures ` 8,00,000</p> <p>The cost of equity capital for the company is 16.30% and Income Tax Rate for the company is 30%.</p> <p>You are required to calculate the Weighted Average Cost of Capital (WACC) of the company.</p>	L4
S. No.	CO	Questions	BT
Unit III : The Investment Decision			
1	3	Explain the Investment Decision Process in financial management. Describe its key stages and significance in long-term financial planning.	L2



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2	3	Explain the Pay-back Period and Average Rate of Return (ARR) methods to evaluate the projects.	L4																														
3	3	Discuss the advantages and limitations of the Pay-back Period and Average Rate of Return (ARR) methods. Why are they considered traditional techniques?	L4																														
4	3	Discuss the advantages and limitations of the Net Present Value (NPV), Profitability Index (PI) and Internal Rate of Return (IRR) Methods. Why are they considered modern techniques?	L3																														
5	3	<p>The following are the details relating to Project X and Project Y.</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Project – X (Rs.)</th> <th>Project – Y (Rs.)</th> </tr> </thead> <tbody> <tr> <td>Project Cost</td> <td align="right">2,00,000</td> <td align="right">3,00,000</td> </tr> <tr> <td>Life time (Years)</td> <td align="center">5</td> <td align="center">6</td> </tr> <tr> <td>Estimated Cash Inflows:</td> <td></td> <td></td> </tr> <tr> <td>Year - 1</td> <td align="right">30,000</td> <td align="right">60,000</td> </tr> <tr> <td>Year – 2</td> <td align="right">40,000</td> <td align="right">70,000</td> </tr> <tr> <td>Year – 3</td> <td align="right">55,000</td> <td align="right">90,000</td> </tr> <tr> <td>Year – 4</td> <td align="right">70,000</td> <td align="right">1,20,000</td> </tr> <tr> <td>Year - 5</td> <td align="right">40,000</td> <td align="right">1,00,000</td> </tr> <tr> <td>Year - 6</td> <td align="center">--</td> <td align="right">80,000</td> </tr> </tbody> </table> <p>Which project do you recommend based on pay-back period method?</p>	Particulars	Project – X (Rs.)	Project – Y (Rs.)	Project Cost	2,00,000	3,00,000	Life time (Years)	5	6	Estimated Cash Inflows:			Year - 1	30,000	60,000	Year – 2	40,000	70,000	Year – 3	55,000	90,000	Year – 4	70,000	1,20,000	Year - 5	40,000	1,00,000	Year - 6	--	80,000	L5
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6	3	<p>The following are the details relating to Project A and Project B.</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Project - A</th> <th>Project - B</th> </tr> </thead> <tbody> <tr> <td>Project Cost</td> <td align="right">180000</td> <td align="right">260000</td> </tr> <tr> <td>Life time (Years)</td> <td align="center">6</td> <td align="center">6</td> </tr> <tr> <td>Estimated Cash Inflows:</td> <td></td> <td></td> </tr> <tr> <td>Year - 1</td> <td align="right">35000</td> <td align="right">55000</td> </tr> <tr> <td>Year – 2</td> <td align="right">50000</td> <td align="right">75000</td> </tr> <tr> <td>Year – 3</td> <td align="right">65000</td> <td align="right">95000</td> </tr> <tr> <td>Year – 4</td> <td align="right">50000</td> <td align="right">110000</td> </tr> <tr> <td>Year - 5</td> <td align="right">45000</td> <td align="right">85000</td> </tr> <tr> <td>Year - 6</td> <td align="right">40000</td> <td align="right">70000</td> </tr> </tbody> </table> <p>Which project do you recommend based and ARR method?</p>	Particulars	Project - A	Project - B	Project Cost	180000	260000	Life time (Years)	6	6	Estimated Cash Inflows:			Year - 1	35000	55000	Year – 2	50000	75000	Year – 3	65000	95000	Year – 4	50000	110000	Year - 5	45000	85000	Year - 6	40000	70000	L4
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7	3	<p>The following details are available in respect of the cash flows of Project s A & B.</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Project – A Cash Inflows (Rs.)</th> <th>Project – B Cash Inflows (Rs.)</th> </tr> </thead> <tbody> <tr> <td align="center">0</td> <td align="right">(4,00,000)</td> <td align="right">(5,00,000)</td> </tr> </tbody> </table>	Year	Project – A Cash Inflows (Rs.)	Project – B Cash Inflows (Rs.)	0	(4,00,000)	(5,00,000)	L3																								
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		<table border="1"> <tbody> <tr><td>1</td><td>2,00,000</td><td>1,00,000</td></tr> <tr><td>2</td><td>1,75,000</td><td>2,00,000</td></tr> <tr><td>3</td><td>25,000</td><td>3,00,000</td></tr> <tr><td>4</td><td>2,00,000</td><td>4,00,000</td></tr> <tr><td>5</td><td>1,50,000</td><td>2,00,000</td></tr> </tbody> </table> <p>Compute PBP and ARR. Suggest which project is best.</p>	1	2,00,000	1,00,000	2	1,75,000	2,00,000	3	25,000	3,00,000	4	2,00,000	4,00,000	5	1,50,000	2,00,000										
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8	3	<p>A project cost Rs.25,000 and expected to generate cash inflows as:</p> <table border="1"> <thead> <tr><th>Year</th><th>Cash inflows (Rs.)</th></tr> </thead> <tbody> <tr><td>1</td><td>10,000</td></tr> <tr><td>2</td><td>8,000</td></tr> <tr><td>3</td><td>9,000</td></tr> <tr><td>4</td><td>6,000</td></tr> <tr><td>5</td><td>7,000</td></tr> </tbody> </table> <p>The cost of capital is 12%. The present value factors are:</p> <table border="1"> <thead> <tr><th>Year</th><th>PV Factor at 12%</th></tr> </thead> <tbody> <tr><td>1</td><td>0.893</td></tr> <tr><td>2</td><td>0.797</td></tr> <tr><td>3</td><td>0.712</td></tr> <tr><td>4</td><td>0.636</td></tr> <tr><td>5</td><td>0.567</td></tr> </tbody> </table> <p>Compute NPV of the Project.</p>	Year	Cash inflows (Rs.)	1	10,000	2	8,000	3	9,000	4	6,000	5	7,000	Year	PV Factor at 12%	1	0.893	2	0.797	3	0.712	4	0.636	5	0.567	L5
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11	3	<p>Z company is going to take investment decision. There are two projects available. The life time of the projects is 4 years and 5 years respectively. The details are given below:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Project – X Cash Flows (Rs.)</th> <th>Project – X Cash Flows (Rs.)</th> </tr> </thead> <tbody> <tr><td>0</td><td>(1,40,000)</td><td>(2,10,000)</td></tr> <tr><td>1</td><td>45,000</td><td>75,000</td></tr> <tr><td>2</td><td>55,000</td><td>66,000</td></tr> <tr><td>3</td><td>85,000</td><td>70,000</td></tr> <tr><td>4</td><td>90,000</td><td>60,000</td></tr> <tr><td>5</td><td>80,000</td><td>55,000</td></tr> <tr><td>Scrap</td><td>13,000</td><td>16,000</td></tr> </tbody> </table> <p>The cost of capital is 10%. Determine Profitability Index for the above projects and suggest which project is more profitable.</p>	Year	Project – X Cash Flows (Rs.)	Project – X Cash Flows (Rs.)	0	(1,40,000)	(2,10,000)	1	45,000	75,000	2	55,000	66,000	3	85,000	70,000	4	90,000	60,000	5	80,000	55,000	Scrap	13,000	16,000	L5
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S. No.	CO	Questions	BT
Unit IV: The Dividend Decision			



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1	4	Explain the meaning of dividend decision and discuss its importance in financial management.	L1
2	4	Analyze the major determinants influencing dividend decisions in a company. How do profitability, liquidity, legal constraints, and growth opportunities affect dividend policy?	L4
3	4	Explain the different forms of dividends such as cash dividend, stock dividend, bonus shares, and property dividend. Illustrate with suitable examples.	L3
4	4	Explain Walter's Model of dividend policy. Analyze its assumptions and implications for dividend decisions.	L4
5	4	A company has an Earnings per Share (EPS) of ₹10, cost of equity (K_e) of 12%, and return on investment (r) of 15%. Using Walter's Model , calculate the value of the share if the payout ratio is 40%. Interpret the result.	L3
6	4	Compare Walter's Model and Gordon's Model. Evaluate their relevance in modern corporate finance.	L5
7	4	Explain the Modigliani and Miller (M-M) Approach to dividend policy. Analyze the assumptions underlying the dividend irrelevance theory.	L3
8	4	The following information is available in respect of a firm: Capitalization Rate (K_e) = 10% Earnings Per Share (EPS) = Rs. 10/- Assumed rate of returns are : (i) 15%, (ii) 10%, (iii) 8% Show the effect of dividend policy on the market price of shares, using Walter's Model. Assume Dividend Pay-out (DP) Ratio (a) 0%; (b) 25%; (c) 50%; (d) 75% and (e) 100%. Also state the optimum DP Ratio.	L5
9	4	The following information is available in respect of a firm: Capitalization Rate (K_e) = 10% Earnings Per Share (EPS) = Rs. 10/- Assumed rate of returns are : (i) 15%, (ii) 10%, (iii) 8% Show the effect of dividend policy on the market price of shares, using Walter's Model. Assume Dividend Pay-out (DP) Ratio (a) 0%; (b) 25%; (c) 50%; (d) 75% and (e) 100%. Also state the optimum DP Ratio.	L5



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10	4	Star Ltd. is having its shares quoted in major stock exchanges. Its share current market price after dividend distributed at the rate of 20% per annum having a paid-up shares capital of Rs.10 Lakhs of Rs.10 each. Annual growth rate in dividend expected is 2%. The expected rate of return on its equity capital is 15%. Calculate the value of Star Ltd.'s share based on Gordons' model.	L5
11	4	Tech Engineering Ltd. belongs to a risk class for which the capitalization rate is 10 per cent. It currently has outstanding 10,000 shares selling at Rs.100 each. The firm is contemplating the declaration of a dividend of Rs. 5 per share at the end of the current financial year. It expects to have a net income of Rs.1,00,000 and has a proposal for making new investments of Rs.2,00,000. Show how under M-M Hypothesis, the payment of dividend does not affect the value of the firm.	L5

S.No.	CO	Questions	BT
Unit V: Working Capital Management			
1	5	Explain the concept of Working Capital . Discuss its components and importance in financial management.	L1
2	5	Analyze the determinants of working capital requirements in a manufacturing firm. How do nature of business, operating cycle, credit policy, and seasonal factors influence working capital?	L4
3	5	Explain the Operating Cycle Approach to working capital. Illustrate the stages involved in the operating cycle of a manufacturing company.	L4
4	5	The following data is available for a firm: <ol style="list-style-type: none">1. Raw Material Storage Period: 30 days2. Work-in-Progress Period: 15 days3. Finished Goods Storage Period: 20 days4. Debtors Collection Period: 25 days5. Creditors Payment Period: 20 days Calculate the Operating Cycle Period and comment on its significance.	L3



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5	5	Explain the concept of Cash Management . Discuss its objectives and importance in maintaining liquidity.	L3																				
6	5	<p>Following is the information of Ashok Industries Ltd. Latur for the year 31st Mar. 2017. You are required to calculate the working capital requirements from the following information:</p> <table style="margin-left: 20px;"><thead><tr><th style="text-align: left;">Particulars</th><th style="text-align: right;">Rs.</th></tr></thead><tbody><tr><td>Raw materials</td><td style="text-align: right;">160</td></tr><tr><td>Direct labour</td><td style="text-align: right;">60</td></tr><tr><td>Overheads</td><td style="text-align: right;">120</td></tr><tr><td></td><td style="text-align: right;">-----</td></tr><tr><td>Total cost</td><td style="text-align: right;">340</td></tr><tr><td>Profit</td><td style="text-align: right;">60</td></tr><tr><td></td><td style="text-align: right;">-----</td></tr><tr><td>Selling price</td><td style="text-align: right;">400</td></tr><tr><td></td><td style="text-align: right;">-----</td></tr></tbody></table> <ol style="list-style-type: none">1. Raw materials are held in stock on an average for 1 month period.2. Materials are in process on an average for ½ month period.3. Finished goods are in stock on an average for 1 month period.4. Credit allowed by suppliers is 1 month period and credit allowed to debtors is 2 month period.5. Time lag in payment of wages is 1½ weeks.6. Time lag in payment of overhead expenses is 1 month.7. 1/4th of the sales are made on cash basis.8. Cash in hand and at the bank is anticipated to be Rs. 50,000; and anticipated level of production Cash in hand and at the bank is anticipated to be Rs. 50,000; and9. Anticipated level of production amounts to 1,04,000 units for a year of 52 weeks. <p>You may assume that production is carried on evenly throughout the year and a time period of four weeks is equivalent to a month.</p>	Particulars	Rs.	Raw materials	160	Direct labour	60	Overheads	120		-----	Total cost	340	Profit	60		-----	Selling price	400		-----	L5
Particulars	Rs.																						
Raw materials	160																						
Direct labour	60																						
Overheads	120																						

Total cost	340																						
Profit	60																						

Selling price	400																						

7	5	<p>From the information below, prepare a cash budget for a company for April, May, and June 2024 in a columnar form.</p> <table border="1" style="margin-left: 20px;"><thead><tr><th style="text-align: center;">Month</th><th style="text-align: center;">Sales</th><th style="text-align: center;">Purchases</th><th style="text-align: center;">Wages</th><th style="text-align: center;">Exp.</th></tr></thead><tbody><tr><td>Jan. (actual)</td><td style="text-align: center;">80,000</td><td style="text-align: center;">45,000</td><td style="text-align: center;">20,000</td><td style="text-align: center;">5,000</td></tr><tr><td>Feb. (actual)</td><td style="text-align: center;">80,000</td><td style="text-align: center;">40,000</td><td style="text-align: center;">18,000</td><td style="text-align: center;">6,000</td></tr></tbody></table>	Month	Sales	Purchases	Wages	Exp.	Jan. (actual)	80,000	45,000	20,000	5,000	Feb. (actual)	80,000	40,000	18,000	6,000	L3					
Month	Sales	Purchases	Wages	Exp.																			
Jan. (actual)	80,000	45,000	20,000	5,000																			
Feb. (actual)	80,000	40,000	18,000	6,000																			



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		<table border="1"> <tbody> <tr> <td>Mar. (actual)</td> <td>75,000</td> <td>42,000</td> <td>22,000</td> <td>6,000</td> </tr> <tr> <td>Apr. Budget</td> <td>90,000</td> <td>50,000</td> <td>24,000</td> <td>6,000</td> </tr> <tr> <td>May Budget</td> <td>85,000</td> <td>45,000</td> <td>20,000</td> <td>6,000</td> </tr> <tr> <td>Jun. Budget</td> <td>80,000</td> <td>35,000</td> <td>18,000</td> <td>5,000</td> </tr> </tbody> </table> <p>You are further informed that:</p> <p>10% of purchases and 20% of sales are for cash.</p> <p>The average collection period of the company is half a month and credit purchases are paid off regularly after one month.</p> <p>Wages are paid half monthly and the rent of \$500, excluded in expense, is paid monthly.</p> <p>Cash and bank balance on April 1 was \$15,000, and the company aims to keep it below this figure at the end of every month. The excess cash is placed in fixed deposits.</p>	Mar. (actual)	75,000	42,000	22,000	6,000	Apr. Budget	90,000	50,000	24,000	6,000	May Budget	85,000	45,000	20,000	6,000	Jun. Budget	80,000	35,000	18,000	5,000	
Mar. (actual)	75,000	42,000	22,000	6,000																			
Apr. Budget	90,000	50,000	24,000	6,000																			
May Budget	85,000	45,000	20,000	6,000																			
Jun. Budget	80,000	35,000	18,000	5,000																			
8	5	<p>Prepare an estimate of net working capital requirement for the WCM Ltd. adding 10% for contingencies from the information given below :</p> <p>Estimated cost per unit of production 170 includes raw materials 80, direct labour 30 and overheads (exclusive of depreciation) 60. Selling price is 200 per unit. Level of activity per annum 1,04,000 units. Raw material in stock : average 4 weeks; work-in-progress (assume 50% completion stage): average 2 weeks; finished goods in stock : average 4 weeks; credit allowed by suppliers : average 4 weeks; credit allowed to debtors: average 8 weeks; lag in payment of wages : average 1.5 weeks, and cash at bank is expected to be 25,000. You may assume that production is carried on evenly throughout the year (52 weeks) and wages and overheads accrue similarly. All sales are on credit basis only. You may state your assumptions, if any.</p>	L6																				
9	5	<p>Hari Ltd. plans to sell 30,000 units next year. The expected cost of goods sold is as follows :</p> <table align="right"> <thead> <tr> <th></th> <th>(Rs. Per Unit)</th> </tr> </thead> <tbody> <tr> <td>Raw material</td> <td>100</td> </tr> <tr> <td>Manufacturing expenses</td> <td>30</td> </tr> <tr> <td>Selling, administration and financial expenses</td> <td>20</td> </tr> <tr> <td>Selling price</td> <td>200</td> </tr> </tbody> </table> <p>The duration at various stages of the operating cycle is expected to be as</p>		(Rs. Per Unit)	Raw material	100	Manufacturing expenses	30	Selling, administration and financial expenses	20	Selling price	200	L5										
	(Rs. Per Unit)																						
Raw material	100																						
Manufacturing expenses	30																						
Selling, administration and financial expenses	20																						
Selling price	200																						



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		<p>follows :</p> <p>Raw material stage - 2 months</p> <p>Work-in-progress stage - 1 month</p> <p>Finished stage - 1/2 month</p> <p>Debtors stage - 1 month</p> <p>Assuming the monthly sales level of 2,500 units, estimate the gross working capital requirement if the desired cash balance is 5% of the gross working capital requirement, and work-in-progress is 25% complete with respect to manufacturing expenses.</p>													
10	5	<p>ABC Ltd. wishes to prepare a Cash Budget for the months of January, February, and March 2026.</p> <p>The following information is available:</p> <p>1. Sales (₹)</p> <table><thead><tr><th>Month</th><th>Sales (₹)</th></tr></thead><tbody><tr><td>November</td><td>2,00,000</td></tr><tr><td>December</td><td>2,40,000</td></tr><tr><td>January</td><td>3,00,000</td></tr><tr><td>February</td><td>3,60,000</td></tr><tr><td>March</td><td>4,00,000</td></tr></tbody></table> <ul style="list-style-type: none">• 20% of sales are cash sales.• 80% of sales are credit sales.• Credit sales are collected as follows:<ul style="list-style-type: none">○ 50% in the month following the sale○ 30% in the second month following○ 20% in the third month following <p>2. Purchases (₹)</p> <p>Purchases are 60% of the next month's sales.</p> <p>Suppliers allow one month credit.</p> <p>3. Expenses</p> <ul style="list-style-type: none">• Wages: ₹40,000 per month (paid in the same month)• Administrative Expenses: ₹30,000 per month (paid with one month lag)• Selling Expenses: ₹20,000 per month (paid in the same month) <p>4. Additional Information</p> <ul style="list-style-type: none">• A machine costing ₹1,00,000 will be purchased in February (payment in February).• Income tax of ₹50,000 will be paid in March.• Opening Cash Balance on 1st January 2026 is ₹75,000.• Minimum cash balance to be maintained is ₹50,000. <p>Prepare a Cash Budget for the months of January, February, and March 2026 and determine the closing cash balance for each month.</p>	Month	Sales (₹)	November	2,00,000	December	2,40,000	January	3,00,000	February	3,60,000	March	4,00,000	L6
Month	Sales (₹)														
November	2,00,000														
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Note: L1-Remembering, L2-Understanding, L3-Applying, L4-Analyzing, L5-Evaluating, and L6-Creating

References

1. Financial Management, I.M. Pandey, Vikas Publishers, 2015.
2. Financial Management, P.V.Kulakarni and B.G.Satya Prasad, Himalaya Publishing House Pvt. Ltd. India, 2011.
3. Financial Management, Tulsian P. C. & Tulsian Bharat, S Chand and Company Limited, New Delhi, 2016.
4. Financial Management-Management and Polic R.M.Srivastava, Himalaya Publishing House Pvt. Ltd., India, 2010.
5. Financial Management-Text and Problems, MY Khan and PK Jain, Tata McGraw-Hill, New Delhi, 2007.
6. Fundamentals of Financial Management, Chandra Bose D, PHI, 2006.
7. Corporate Finance: Theory and Practice, 2/e, Vishwanath.S.R., Sage Publications, 2007.
8. Case Studies in Finance, 5/e, Bruner.R.F. Tata McGraw Hill, New Delhi, 2007.
9. Financial Management, Prasanna Chandra, Tata McGraw Hill, New Delhi, 2009

The Six Levels of Bloom's Taxonomy:

1. **Remembering:** Retrieving, recognizing, and recalling relevant knowledge from long-term memory (e.g., list, define, name, locate).
2. **Understanding:** Constructing meaning, explaining ideas, or concepts (e.g., summarize, interpret, classify, compare).
3. **Applying:** Using information in new situations or implementing procedures to solve problems (e.g., solve, use, demonstrate, implement).
4. **Analyzing:** Breaking material into constituent parts, determining how the parts relate to one another and to an overall structure (e.g., contrast, categorize, distinguish, diagram).
5. **Evaluating:** Making judgments based on criteria and standards through checking and critiquing (e.g., judge, critique, justify, defend, argue).
6. **Creating:** Putting elements together to form a coherent or functional whole; reorganizing elements into a new pattern or structure (e.g., design, construct, develop, formulate).

Instruction to Faculty Members:



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- **Strictly follow the prescribed question paper template without deviation.**
- **Text book reference to quoted end of the fifth unit**
- **Set a minimum of ten (10) and a maximum of fifteen (15) subjective questions per unit. Each question shall carry ten (10) marks.**
- **Questions may include sub-questions as per the prescribed pattern: B.Tech: 10M or 5M + 5M or 6M + 4M**
- **For M.Tech, questions shall be set as per the following pattern only: 12M or 6M + 6M**

SITAM