

School of Aeronautics (Neemrana)

I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan

Approved by Director General of Civil Aviation, Govt. of India, All India Council for Technical Education
Ministry of HRD, Govt of India & Affiliated to Rajasthan Technical University, Kota & BTU, Bikaner Rajasthan

Question Paper For Internal Assessment Examination (Theory) - Credit 2 / 144

Instructions for Students / Faculty

Mid Term I (Total 40 Marks, 1.5 HRS., Syllabus from Unit-1)

- Part A: Total number of questions to be given are four (2 from CO1 and 2 from CO2), each carrying 2 marks and are compulsory to attend. There is no choice. They are short answer type questions (**Not More Than 25 Words for Both Question & Answer**), no objective type or fill in the blanks. Total 8 marks.
- Part B: Total number of questions to be given are six (3 from CO1 and 3 from CO2), out of which student has to answer four (2 from CO1 and 2 from CO2). They are long answer type (**Not More Than 50 Words for Question Only**), each carrying 4 marks. Total 16 marks.
- Part C: Total number of questions to be given are four (2 from CO1 and 2 from CO2), out of which student has to answer two (1 from CO1 and 1 from CO2). They are numerical answer type / fully elaborative type* (**Not More Than 70 Words for Question Only**), each carrying 8 marks. Total 16 marks.

Mid Term II (Total 60 Marks, 2 HRS., Syllabus from Unit- 2)

- Part A: Total number of questions to be given are ten (5 from CO3 and 5 from CO4), each carrying 2 marks and are compulsory to attend. There is no choice. They are short answer type questions (**Not More Than 25 Words for Both Question & Answer**), no objective type or fill in the blanks. Total 20 marks.
- Part B: Total number of questions to be given are six (3 from CO3 and 3 from CO4), out of which student has to answer four (2 from CO3 and 2 from CO4). They are long answer type (**Not More Than 50 Words for Question Only**), each carrying 4 marks. Total 16 marks.
- Part C: Total number of questions to be given are four (2 from CO3 and 2 from CO4), out of which student has to answer any two (1 from CO3 and 1 from CO4). They are numerical answer type / fully elaborative type (**Not More Than 70 Words For Question Only**)*, each carrying 12 marks. Total 24 marks.

Mid Term III (Total 60 Marks, 2 HRS., Syllabus from Unit- 3)

- Part A: Total number of questions to be given are ten (5 from CO5 and 5 from CO6), each carrying 2 marks and are compulsory to attend. There is no choice. They are short answer type questions (**Not More Than 25 Words for Both Question & Answer**), no objective type or fill in the blanks. Total 20 marks.
- Part B: Total number of questions to be given are six (3 from CO5 and 3 from CO6), out of which student has to answer four (2 from CO5 and 2 from CO6). They are long answer type (**Not More Than 50 Words for Question Only**), each carrying 4 marks. Total 16 marks.
- Part C: Total number of questions to be given are four (2 from CO5 and 2 from CO6), out of which student has to answer any two (1 from CO5 and 1 from CO6). They are numerical answer type / fully elaborative type (**Not More Than 70 Words For Question Only**)*, each carrying 12 marks. Total 24 marks.

* LIST OF ELABORATIVE THEORY QUESTION SUBJECTS: 1 FY1 - 04 Communication Skills (Cr 2), 1 FY1 - 05 Human Values (Cr 2), 2 FY1 - 04 Communication Skills (Cr 2), 2 FY1 - 05 Human Values (Cr 2), 3 AN1 - 02 Technical Communication (Cr 2), 4 MH1 - 02 Technical Communications (Cr 2), 4 MH1 - 03 Economics and Financial Accounting (Cr 2), 5 AN5 - 12 Aircraft Maintenance Practices (Cr 2), 6 AN3 - 01 Mechanics of Composite Materials (Cr 2), 6 AN5 - 12 Aircraft Rules and Regulation (Cr 2), 6 MH3 - 01 Automobile Engineering (Cr 2).

Instructions For Faculties:

There should be total 6 Course Outcomes (COs) for each subject.

- Mid Term Question Papers are to be submitted as per Course Outcomes (COs) which should be divided equally in Part A, Part B and Part C according to Mid Term Examination and Credit Point.
- In Mid Term-1, the questions are to be given from CO1 and CO2. In Mid Term-2, the questions are to be given from CO3 and CO4. Similarly, in Mid Term-3, the questions are to be given from CO5 and CO6.
- **FACULTY MEMBERS, PLEASE ENSURE EXCEPT ABOVE LISTED SUBJECTS, NO THEORETICAL ELABORATIVE QUESTION SHOULD BE GIVEN IN PART 'C' OF QUESTION PAPER**

INSTRUCTION FOR STUDENTS

- **STUDENT IS ALLOWED TO ENTER LATE NOT MORE THAN 15 MIN AFTER STARTING OF EXAM, AND MAY LEAVE THE EXAM HALL ON EXPIRY OF ATLEAST OF 1 Hr FROM THE STARTING TIME OF EXAMINATION.**

Question Paper & Student Details

Type of Exam	Mid Term 3	Date of Submission	17/08/2021
Name of Faculty	Dr. Birendra Rai	Date of Examination	23/08/2021
Course	B.Tech (Mechatronics Engineering)	Semester	SEMESTER : 4
Batch	Fifth (5)	Subject	4 MH1 - 03 Economics and Financial Accounting (Cr 2)

COURSE OUTCOMES FOR REFERENCE TO FRAME QUESTION PAPER

(Faculties are required to mention relevant Course Outcome number against the respective question in QP)

Course Outcome	CO 5: Explain the concept of financial statement analysis and its application during budgeting. CO 6: Apply knowledge on Balance sheet and its application that they would find useful in their disciplines.		
Email I'd	principal@soaneemrana.org	Phone No.	759-795-8368

Student Name	Student Reg No.
--------------	-----------------

Part A

INSTRUCTIONS FOR PART A: ALL THE QUESTIONS ARE COMPULSORY TO ATTEND

1. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE. 5

Question : 1 Mention the important heads under which financial ratios are grouped.

Lesson Plan No. - 23	Topic - Computational analysis of financial ratios related issues.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	--	---	----------

Question : 2 Write the accounting equation or balance sheet equation to create balance sheets.

Lesson Plan No. - 20	Topic - Balance sheet and related concepts.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Question : 3 Explain the common size statement of financial analysis.

Lesson Plan No. - 25	Topic - Analysis and interpretation of financial statement.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.5, Page No.285-450.	CO No. -
----------------------	---	--	----------

Question : 4 Explain in detail the requirements of profit and loss account.

Lesson Plan No. - 21	Topic - Profit and Loss statement and related concepts.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Question : 5 Name the three basic norms necessarily to be satisfied before accepting the accounting principles.

Lesson Plan No. - 19	Topic - Introduction to Financial statement analysis.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.5, Page No.285-450.	CO No. -
----------------------	---	--	----------

2. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE. 6

Question : 6 Explain the payback period with suitable example.

Lesson Plan No. - 26	Topic - Capital Budgeting Techniques.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---------------------------------------	---	----------

Question : 7 Explain the cash flow analysis.

Lesson Plan No. - 24	Topic - Cash flow and Fund flow analysis.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Question : 8 Explain the modes of expressing financial ratio.

Lesson Plan No. - 22	Topic - Financial Ratio Analysis.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	-----------------------------------	---	----------

Question : 9 Explain the terms assets, liabilities and equity.

Lesson Plan No. - 20	Topic - Balance sheet and related concepts.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Question : 10 Write the various aspects or areas of business organization which are analyzed by financial ratio.

Lesson Plan No. - 23	Topic - Computational analysis of financial ratio related issues.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Part B

FOR MIDTERM 1 - Part B: Total number of questions to be given are six (3 from CO1 and 3 from CO2), out of which student has to answer four (2 from CO1 and 2 from CO2).
FOR MIDTERM 2 - Part B: Total number of questions to be given are six (3 from CO3 and 3 from CO4), out of which student has to answer four (2 from CO3 and 2 from CO4).
FOR MIDTERM 3 - Part B: Total number of questions to be given are six (3 from CO5 and 3 from CO6), out of which student has to answer four (2 from CO5 and 2 from CO6).

3. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.

5

Question : 1 Discuss the objectives of analysis and interpretation of financial statements.

Lesson Plan No. - 25	Topic - Analysis and interpretation of financial statement.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.5, Page No.285-450.	CO No. -
----------------------	---	--	----------

Question : 2 Discuss the need of cash flow statement.

Lesson Plan No. - 24	Topic - Cash flow and Fund flow analysis.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Question : 3 Explain the significance or importance of financial statement analysis.

Lesson Plan No. - 19	Topic - Introduction to Financial statement analysis.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.5, Page No.285-450.	CO No. -
----------------------	---	--	----------

4. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.

6

Question : 4 Explain in detail importance of financial ratio analysis.

Lesson Plan No. - 22	Topic - Financial Ratio Analysis.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	-----------------------------------	---	----------

Question : 5 Compare between Profit & loss account and Balance sheet.

Lesson Plan No. - 21	Topic - Profit and Loss statement and related concepts.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------

Question : 6 Discuss the significance of the following financial ratio (i) Current ratio (ii) Gross Profit ratio (iii) Leverage Ratios (iv) Liquidity Ratios (v) Turnover Ratio (vi) Debt equity ratio (vii) Operating Ratio.

Lesson Plan No. - 23	Topic - Computational analysis of financial ratio related issues.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
----------------------	---	---	----------


Part C

FOR MIDTERM 1 - Part C: Total number of questions to be given are four (2 from CO1 and 2 from CO2), out of which student has to answer two (1 from CO1 and 1 from CO2).
FOR MIDTERM 2 - Part C: Total number of questions to be given are four (2 from CO3 and 2 from CO4), out of which student has to answer any two (1 from CO3 and 1 from CO4).
FOR MIDTERM 3 - Part C: Total number of questions to be given are four (2 from CO5 and 2 from CO6), out of which student has to answer any two (1 from CO5 and 1 from CO6).

5. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.

5

Question : 1 Calculate (a) Current ratio, if (i) total assets Rs 2,00,000, (ii) fixed assets Rs 1,10,000, (iii) capital employed Rs 1,40,000, (b) Quick/acid test ratio, if (i) current assets Rs 30,000, (ii) stock Rs 10,000, (iii) Prepaid expenses Rs 5,000, (iv) working capital employed Rs 18,000.

Lesson Plan No. - 22	Topic - Financial Ratio Analysis	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
Question : 2	Explain the types of comparative financial statement and steps in preparing a comparative income statement.		
Lesson Plan No. - 25	Topic - Analysis and interpretation of financial statement.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.5, Page No.285-450.	CO No. -
6. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.			6
Question : 3	Describe different types of capital budgeting technique.		
Lesson Plan No. - 26	Topic - Capital Budgeting Techniques.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
Question : 4	Evaluate the balance sheet for Mubarak Corporation. From the balance sheet you find the following balances: Cash and marketable securities= 400,000, Accounts receivable= 1,200,000, Inventory= 2, 100,000, Accrued wages and taxes= 500,000, Accounts payable= 800,000, and Notes payable= 600,000. Calculate Goodman Bee's net working capital.		
Lesson Plan No. - 20	Topic - Balance sheet and related concepts.	Source - Prof. (Dr.) B.K. Garg, Prof. (Dr.) Kusumlata Bhardwaj and Dr. Surbhi Garg, " Managerial Economics and Financial Accounting", Ashirwad Publications, Jaipur, Reprint 2019-20, Chap.5 Page 5.1 – 5.66.	CO No. -
Upload Scanned Document In Case of Numerical or Diagram For Any of The Above Questions. (Mention question number with relevant fig / numerical / equations. Max 150 KB)			
I have scrutinized the question paper. There is no spelling mistake or any type of irrelevant question.			
Corporate Office: H 974, Palam Extension, Part 1, Sector 7, Dwarka, New Delhi 110077			

The message has been sent from 157.38.204.169 (India) at 2021-08-17 22:37:01 on Firefox 91.0
Entry ID: 144