

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 / 110

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 1	Date of Submission	20/06/2021
Name of Faculty	Dr. Birendra Rai	Date of Examination	28/06/2021
Course	B.Tech (Mechatronics Engineering)	Semester	SEMESTER : 4
Batch	Sixth (6)	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	4 MH1-03: Economics and Financial Accounting”	
	COURSE OUTCOME	
	Upon completion of the course, Students will be able to	
	CO 1: Understand the basic Economic concepts and economic problems in society.	
	CO 2: Illustrate various demands and different modes of supply to overcome the demands in field of engineering.	
	CO 3: Make use of Production processes and cost analysis knowledge in engineering discipline.	
CO 4: Demonstrate the market structure and understand the pricing theory application in real time.		
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
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Student Name		Student Reg No.	
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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.	1
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Question : 1	Define managerial economics		
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Lesson Plan No. - 1	Topic - Meaning, Nature and Scope of Economics.	Source - M. Kasi Reddy & Sarawathi, Managerial Economics and Financial Analysis, PHI, New Delhi, 2010, Chapter 1, Page 1-37.	CO No. -
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Question : 2	Differentiate the terms NNI (Net National Income), GNP(Gross National Product) and GDP (Gross Domestic Product).		
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Lesson Plan No. - 4	Topic - National Income Concept and Measurement.	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.1, Page 7-16.	CO No. -
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Question : 3			
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Lesson Plan No. -	Topic -	Source -	CO No. -
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Question : 4			
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Lesson Plan No. -	Topic -	Source -	CO No. -
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Question : 5			
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Lesson Plan No. -	Topic -	Source -	CO No. -
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2. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.	2
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Question : 6	Define demand and explain it for producer goods and consumer goods.		
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Lesson Plan No. - 5	Topic - Demand and supply analysis: different types of demand.	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.2 Page 2.1 – 2.32.	CO No. -
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Question : 7	Describe different determinants of supply.		
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Lesson Plan No. - 8	Topic - Determinants of supply.	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.2 Page 2.4 – 2.11.	CO No. -
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Question : 8			
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Lesson Plan No. -	Topic -	Source -	CO No. -
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Question : 9			
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Lesson Plan No. -	Topic -	Source -	CO No. -
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Question : 10

Lesson Plan No. -	Topic -	Source -	CO No. -
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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.

1

Question : 1 Explain in detail deductive method of economics.

Lesson Plan No. - 2	Topic - Deductive and inductive economics, static and dynamic.	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.1, Page 7-16.	CO No. -
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Question : 2 Describe the five inter related economic problems.

Lesson Plan No. - 3	Topic - Economic Problems: Scarcity and Choice.	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.1 Page 1.16 – 1.24.	CO No. -
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Question : 3 Explain the steps used for analyzing the economic problem by deductive method.

Lesson Plan No. - 2	Topic - Basic Economic Concepts: Deductive Vs Inductive methods Methods.	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.1, Page 7-16.	CO No. -
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4. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.

2

Question : 4 Define demand and describe different types of demand.

Lesson Plan No. - 5	Topic - Types of Demand, Determinants of Demand.	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.2, Page 2.1 - 2.32.	CO No. -
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Question : 5 Describe the various factors affecting the product demand quantity.

Lesson Plan No. - 6	Topic - Demand and Supply analysis :Demand function.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.2,Page No.65-94.	CO No. -
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Question : 6 Describe different types of demand.

Lesson Plan No. - 5	Topic - Demand and supply analysis: different types of demand.	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.2 Page 2.1 – 2.32.	CO No. -
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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.

1

Question : 1 Explain in detail scarcity and choice by giving suitable example.

Lesson Plan No. - 3	Topic - Economic Problems: Scarcity and Choice.	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.1 Page 1.16 – 1.24.	CO No. -
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Question : 2 Explain the steps taken in measuring national income through the value added method.

Lesson Plan No. - 4	Topic - Concepts and Measurement of National Income.	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.1 Page 1.23 – 1.29.	CO No. -
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6. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.

2

Question : 3 Describe different methods used in demand forecasting.

Lesson Plan No. - 7	Topic - Methods of forecasting.	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.2 Page 2.12 – 2.27.	CO No. -
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Question : 4 Explain in detail about income elasticity of demand.

Lesson Plan No. - 8	Topic - Elasticity of demand.	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.2 Page 2.4 – 2.11.	CO No. -
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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**