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 / 120

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 THEORITICAL 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 2	Date of Submission	16/07/2021
Name of Faculty	Dr. Birendra Rai	Date of Examination	26/07/2021
Course	B.Tech (Aeronautical Engineering)	Semester	SEMESTER : 4
Batch	Combined Batches 18, 19, SF 2	Subject	4 AN1 - 03 Managerial 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 3: To acquaint the student with Production processes and cost analysis knowledge in engineering discipline.
	CO 4: To develop the market structure and understand the pricing theory application in real time.

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.			3
Question : 1	Explain the production process with the help of diagram.		
Lesson Plan No. - 10	Topic - Theory of production	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.3 Page 3.1 – 3.8	CO No. -
Question : 2	Explain the laws of return to scale.		
Lesson Plan No. - 11	Topic - Laws of Returns to Scale	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.3, Page No.156-213.	CO No. -
Question : 3	Discuss the cost-output relationship and explain its importance.		
Lesson Plan No. - 14	Topic - Cost Concepts	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.3, Page No.156-213.	CO No. -
Question : 4	Explain the pricing theory and name the various pricing methods.		
Lesson Plan No. - 15	Topic - Pricing Theory	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.4 Page 4.1 – 4.3	CO No. -
Question : 5	Define cost function and explain its importance.		
Lesson Plan No. - 13	Topic - Cost Function.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.3, Page No.156-213.	CO No. -
2. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.			4
Question : 6	Explain monopoly market structure.		
Lesson Plan No. - 17	Topic - Introduction to monopoly and monopolistic competition market	Source - William F. Samuelson and Stephen G. Mark, "Managerial Economics", Seventh Edition, John Willey & Sons, INC, 2012, Chapter 7-9, Page 283-376.	CO No. -
Question : 7	Define market and explain its structure.		
Lesson Plan No. - 15	Topic - Introduction to Market Structure and its Classification	Source - "Managerial Economics and Financial Analysis", compiled by Department of Information Technology, Malla Reddy College of Engineering & Technology, Secunderabad– 500100, Telangana State, INDIA, Unit-III, Page 38-61.	CO No. -
Question : 8	Define cost. Give examples of fixed costs.		
Lesson Plan No. - 12	Topic - Cost 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.3 Page 3.23 – 3.30	CO No. -
Question : 9	Differentiate between short-run and long-run production function.		

Lesson Plan No. - 11	Topic - Theory of production	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.3, Page No.156-213.	CO No. -
Question : 10	Mention the classification of the production process on the basis of time.		
Lesson Plan No. - 10	Topic - Theory of production	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.3 Page 3.1 – 3.8	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.		3	
Question : 1	Explain the main features of oligopoly market.		
Lesson Plan No. - 18	Topic - Features of oligopoly market	Source - "Managerial Economics and Financial Analysis", compiled by Department of Information Technology, Malla Reddy College of Engineering & Technology, Secunderabad 500100, Telangana State, INDIA, Unit-III, Page 38-61	CO No. -
Question : 2	Explain the characteristics of market with perfect competition.		
Lesson Plan No. - 16	Topic - Features of perfect competition	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.4 Page 4.3 – 4.9	CO No. -
Question : 3	Explain pricing theory under monopolistic market.		
Lesson Plan No. - 17	Topic - Pricing in monopoly and monopolistic competition market	Source - "Managerial Economics and Financial Analysis", compiled by Department of Information Technology, Malla Reddy College of Engineering & Technology, Secunderabad 500100, Telangana State, INDIA, Unit-III, Page 38-61.	CO No. -
4. CHOOSE COURSE OUTCOME (CO) NUMBER ACCORDING TO THE TYPE OF MIDTERM, AS PER INSTRUCTIONS ABOVE.		4	
Question : 4	Explain the low-cost price leadership model of oligopolistic firm.		
Lesson Plan No. - 18	Topic - Oligopoly Market...	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.4 Page 4.3 – 4.9.	CO No. -
Question : 5	Explain marginal cost (MC), average variable cost (AVC), average fixed cost (AFC) and average total cost (ATC) Curves.		
Lesson Plan No. - 13	Topic - Cost Curves.	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.3 Page 3.31 – 3.38.	CO No. -
Question : 6	Demonstrate the term opportunity cost with example.		

Lesson Plan No. - 12	Topic - Opportunity cost...	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.3 Page 3.23 – 3.30.	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.	3

Question : 1	Explain pricing theory for perishable and durable commodities under perfect competition.

Lesson Plan No. - 16	Topic - Pricing theory in perfect competition market.	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.4 Page 4.3 – 4.9.	CO No. -

Question : 2	Mention the various types of cost function and discuss the relationship between them.

Lesson Plan No. - 13	Topic - Cost Function.	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.3 Page 3.31 – 3.38.	CO No. -

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

Question : 3	Explain the break-even point. Calulate the break even point for the given data: Total Fixed Cost = Rs. 20,000/-, Total Variable Cost = Rs. 30,000/-, Total Sales = Rs. 65,000/- and Unit Sold = 20,000.

Lesson Plan No. - 14	Topic - Cost and output decisions.	Source - M. Kasi Reddy and S. Saraswathi, Managerial Economics and Financial Accounting, PHI, New Delhi-110001, 2012, Chap.3, Page No.156-213.	CO No. -

Question : 4	Explain the principle of least cost combination of inputs.

Lesson Plan No. - 11	Topic - Theory of production.	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. 3 Page 3.9- 3.22.	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.	

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