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# PRESIDENCY UNIVERSITY

BENGALURU

## Mid - Term Examinations - October 2025

Date: 11-10-2025

Time: 02.00pm to 03.30pm

<b>School:</b> SOE	<b>Program:</b> CIV /PET/MEC	
<b>Course Code:</b> MGT2015	<b>Course Name:</b> Engineering Economics	
<b>Semester:</b> V	<b>Max Marks:</b> 50	<b>Weightage:</b> 25%

CO - Levels	CO1	CO2	CO3	CO4	CO5
<b>Marks</b>	<b>24</b>	<b>26</b>	-	-	-

**Instructions:**

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

### Part A

Answer ALL the Questions. Each question carries 2 marks.

5Q x 2M=10M

1	Define Engineering Economics.	2 Marks	L1	CO1
2	Outline the two sector model in the circular flow of income.	2 Marks	L1	CO1
3	Identify two determinants of demand.	2 Marks	L1	CO2
4	Describe the law of supply.	2 Marks	L1	CO2
5	Explain the law of demand with example.	2 Marks	L1	CO2

### Part B

Answer ALL the Questions. Each question carries 10 marks.

4Q x 10M=40M

6.	<b>Briefly explain circular flow of income in four sector model and five sector model.</b>	<b>10 Marks</b>	<b>L2</b>	<b>CO 1</b>
<b>Or</b>				
7.	<b>Briefly explain decision making process in the Engineering Economy.</b>	<b>10 Marks</b>	<b>L2</b>	<b>CO 1</b>

<b>8.</b>	<b>Explain price elasticity of demand with the help of diagram.</b>	<b>10 Marks</b>	<b>L2</b>	<b>CO 2</b>
<b>Or</b>				
<b>9.</b>	The demand function for a product is given by: $Q_d = 200 - 5P$ a) Find the quantity demanded when the price is 30, 40, and 50. b) Prepare a schedule and plot in the diagram. c) Find the price when $Q_d$ is 1000.	<b>10 Marks</b>	<b>L3</b>	<b>CO 2</b>
<b>10.</b>	<b>Explain the law of demand with graph.</b>	<b>10 Marks</b>	<b>L2</b>	<b>CO 2</b>
<b>Or</b>				
<b>11.</b>	<b>Discuss the different types of income elasticity of demand with graph.</b>	<b>10 Marks</b>	<b>L2</b>	<b>CO 2</b>
<b>12.</b>	<b>Explain the origin and principles of Engineering Economics.</b>	<b>10 Marks</b>	<b>L2</b>	<b>CO 1</b>
<b>Or</b>				
<b>13.</b>	<b>Distinguish between micro economics and macroeconomics.</b>	<b>10 Marks</b>	<b>L4</b>	<b>CO 1</b>