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| Roll No. | | | | | | | | | | | | | | | | | | | |
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PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations - October 2025

Date: 11-10-2025

Time: 02.00pm to 03.30pm

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

| CO - Levels | CO1 | CO2 | CO3 | CO4 | CO5 |
|--------------|-----------|-----------|-----|-----|-----|
| Marks | 24 | 26 | - | - | - |

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

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

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|------------|---|-----------------|-----------|-----------------|
| 8. | Explain price elasticity of demand with the help of diagram. | 10 Marks | L2 | CO 2 |
| Or | | | | |
| 9. | 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. | 10 Marks | L3 | CO 2 |
| 10. | Explain the law of demand with graph. | 10 Marks | L2 | CO 2 |
| Or | | | | |
| 11. | Discuss the different types of income elasticity of demand with graph. | 10 Marks | L2 | CO 2 |
| 12. | Explain the origin and principles of Engineering Economics. | 10 Marks | L2 | CO 1 |
| Or | | | | |
| 13. | Distinguish between micro economics and macroeconomics. | 10 Marks | L4 | CO 1 |