

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

G9H'B

**SCHOOL OF ENGINEERING
END TERM EXAMINATION - JAN 2024**

Semester : Semester V - 2021

Course Code : MGT2015

Course Name : Engineering Economics

Program : B.Tech.

Date : 03-JAN-2024

Time : 9:30AM - 12:30 PM

Max Marks : 100

Weightage : 50%

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.
- (iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS

5 X 2M = 10M

1. Write the types of Elasticity of Demand
(CO1) [Knowledge]
2. Explain the Law of Demand
(CO2) [Knowledge]
3. Draw Average Cost and Marginal Cost curves
(CO3) [Knowledge]
4. Label the formula for present value of Money and Future value of Money
(CO4) [Knowledge]
5. Listout the instruemnts of Fiscal policy
(CO5) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

5 X 10M = 50M

6. Justify the role of Engineering Economics in Decision making process
(CO1) [Comprehension]

7. a) When the price of a Product increased from Rs. 20 to Rs. 22, the quantity of a Product demanded decreased from 100 to 87 units
What is the price elasticity of demand for Product?
b) Julie demanded envelop cover 10 units when the price of 3 rupees . And Price increased from rupees 3 to 3.75 rupees the quantity demanded decreased to 8 units of envelops. To find Julie's elasticity of demand?
(CO2) [Comprehension]
8. Discuss the Concept of Break Even Analysis with graphical representation
(CO3) [Comprehension]
9. Rudy will retire in 20 years. This year he wants to fund an amount of Rs.15,000 to become available in 20 years. How much does he have to deposit into a pension plan earning 7% annually?
(CO4) [Comprehension]
10. Assess the role of Monetary policy and fiscal policy
(CO5) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

2 X 20M = 40M

11. Discuss the various types of Price Elasticity of Demand with Diagram
(CO1,CO2) [Application]
12. Examine the Law of variable proportions and returns to scale with graphical representation.
(CO3) [Application]