PRESIDENCY UNIVERSITY
BENGALURU

SCHOOL OF ENGINEERING
END TERM EXAMINATION - JUN 2023

Semester : Semester VI - 2020
Course Code : MGT112
Course Name : Sem VI - MGT112 - Engineering Economics
Program : B.Tech - All Programs

Date : 9-JUN-2023
Time : 9.30AM - 12.30PM
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   **(10 X 2 = 20M)**

1. State the Determinants of Demand and explain

(CO2) [Knowledge]

2. Write down the standard formula of Break Even Anslysis

(CO3) [Knowledge]

3. Differentiate Micro Economics from Macro Economics

(CO1) [Knowledge]

4. Write Short note on Straight Line Depreciation Method

(CO4) [Knowledge]

5. Brief a note on Break even Point

(CO3) [Knowledge]

6. Brief a note on any two instruments of Credit control of Monetary policy

(CO5) [Knowledge]

7. Expalin any two methods of Non Discounting Cash Flow Techniques of Capital Budgeting with their thumb rule of acceptance

(CO4) [Knowledge]

8. List out the Factors of Production

(CO2) [Knowledge]

9. Brief a note on Three stage Circular Flow of Income

(CO1) [Knowledge]

10. Brief Different types of Fiscal Policy

(CO5) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS   (5 X 8 = 40M)

11. The demand and Supply functions are given as: Qd=25-1/2P   Qs -50+2P.You are required to calculate Equilibrium quantity and Price and Sketch the graph showing the equilibrium quantity.

(CO2) [Comprehension]

12. Describe Law of Demand and Supply with its Determinants

(CO1) [Comprehension]

13. Explain Different methods of calculating National Income

(CO5) [Comprehension]

14. A project requires Rs.20,000 initial investment. It generates cash flows of Rs. 8,000 first year, Rs.7,000 second year, Rs.4,000 third year and Rs.3,000 fourth year. Calculate Payback period

(CO4) [Comprehension]

15. Explain the significance of Cost concept and analysis with examples

(CO3) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS   (4 X 10 = 40M)

16. Illustrate Elasticity of Supply and its types with examples

(CO2) [Application]

17. Explain Laws of Production in Detail with examples

(CO3) [Application]

18. Engineering Economic decisions are tough to take? Comment with All the Engineering Economic Decisions you have studied.

(CO1) [Application]

19. Impala Engineering are producing a small component and they provide the following data:Selling Price per unit   Rs. 40
Variable cost per unit   Rs.24
Fixed cost Rs.16,000
Calculate a) BEP in Physical units and Sales value
            b) Variable Cost at BEP
            c) Profit made by the company at 5000 units.

(CO5,CO4) [Application]