ECON132   Enrol. No. ....7.7.8....
[AHSJ]

END SEMESTER EXAMINATION : NOV-DEC 2022

ECONOMICS FOR ENGINEERS

Time : 2 Hrs.   *Maximum Marks : 70*

Note: *Attempt questions from all sections as directed.*

SECTION – A   (30 Marks)

Attempt any **five** *questions out of* **six.**
Each question carries **06** *marks.*

1. What causes a shift in supply curve vs movement along curve?

2. How does law of equi-marginal utility explain consumer equilibrium?

3. How does microeconomics examine the basic of economic transactions?

4. Describe the relationship between (AVC) and average product (AP), between Marginal cost (MC) and Marginal Product (MP)

5. Why is Long-Run average cost curve U shaped with numeric example

6. What is production function explain production function with one variable input?

SECTION – B   (20 Marks)

Attempt any **two** *questions out of* **three**.

Each question carries **10** *marks*.

7. Given the total Cost function TC= 1500+ 15Q-6q2+Q3

(a) Determine TVC, AVC, MC and AC at 50 units of output.   (4)

(b) What is AFC at 1000 units of output and 500 units of output?   (2)

(c) Determine the total cost for producing 1000 units of output and 500 units of output. (4)

8. (a) What is GNP deflator? Why it is used? (5)

(b) Define elasticity. How own price elasticity can be derived from the demand curve of a good? (5)

9. (a) Differentiate between Short Run and Long Run Average Cost Curves with diagram. (5)

(b) What is the difference between movement along the curve and shifting of the curve in Long Run Average Cost (LRAC) Curve (5)

SECTION – C (20 Marks)

(Compulsory)

10. (a) What do you mean by substitute and complement product? Give example. Define own price, cross price and income elasticity with proper example. (5)

(b) What is national income? Discuss different measurement process of national income. What is the problem of double counting? Discuss it with proper example (15)