



Roll No: _____

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

Mid Semester Examination, March, 2018

Program: B.TECH- ADE/ B.TECH- PIE

Course Name: Economics and Life Cycle Concepts

Semester: VIII

Course code: PMEO 401

Max.Marks: 100

No. of page/s: 02

Duration: 03 hrs

Note: All questions are compulsory

SECTION - A

(5 x 4=20 Marks)

1. Discuss different types of efficiency.
2. Explain rate of return method.
3. Discuss different types of replacement problem.
4. Distinguish between growth and sustainable development.
5. Describe criteria for buy decision.

SECTION - B

(4 x 10 =40 Marks)

6. Explain different types of cash flows.
7. Discuss different types of approaches for make or buy decision.
8. Distinguish between breakdown maintenance and preventive maintenance.
9. Explain revenue dominated cash flow and cost dominated cash flow to demonstrate the present worth method.

(Or)

Explain short run relationship between average total cost (ATC), average variable cost (AVC), average fixed cost (AFC), marginal cost (MC) and output (with suitable diagram).

SECTION-C

(2 x 20=40 Marks)

10. Discuss different methods of depreciation.

11. Explain different forms of market structure.

(Or)

Explain short run price and output determination under perfect competition and monopoly.

