

Code: CE8T2

**IV B.Tech - II Semester – Regular/Supplementary
Examinations – July 2021**

**ENGINEERING ECONOMICS AND PROJECT
APPRAISAL
(CIVIL ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11 x 2 = 22 M

1.

- a) What is the Concept of Engineering Economics?
- b) Define Demand and Law of demand.
- c) What is Present Value?
- d) What is Economic Analysis?
- e) Write about Process Planning.
- f) Define Cost Control.
- g) What is the Marginal Cost?
- h) What is forecasting Income?
- i) Define Project.
- j) Write about Life Cycle Costing.
- k) Define Job Costing.

PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Define Micro and Macro Economics. Write about the Nature and scope of Micro and Macro Economics. 8 M
b) Discuss about types of Efficiency. 8 M
3. a) What is Design? Explain the Design and Selection Process for a product. 8 M
b) Describe the classes of Economic Analysis. 8 M
4. a) What is Concept of Cost? Explain the Marginal Costing vs. Opportunity Cost, Out of Pocket costs vs. Imputed costs. 8 M
b) Discuss on significance and limitations of BEA. 8 M
5. Explain about project feasibility studies and the project Resource Flow. 16 M
6. a) What is the cost Reduction? Explain Cost reduction Methods. 8 M
b) Write about organization and HRD issues. 8 M