[EPRIE-302]
M.Tech. Degree Examination

Industrial Engineering & Management
III SEMESTER

VALUE ENGINEERING & ANALYSIS
(Effective from the admitted batch 2012–13)

Time: 3 Hours  Max.Marks: 60

Instructions: Each Unit carries 12 marks.
Answer all units choosing one question from each unit.
All parts of the unit must be answered in one place only.
Figures in the right hand margin indicate marks allotted.

UNIT-I

1. Define Value. What is Value Management?  12

OR

2. Differentiate between Value Analysis and Traditional cost reduction techniques  12

UNIT-II

3. Explain various types of values  12

OR

4. Briefly describe the steps involved in value Analysis Procedure  12

UNIT-III

5. a) Explain Value Analysis Procedure  6
   b) Briefly describe the steps involved in Value Analysis Procedure  6

OR

6. Explain the orientation phase and information phase in the Job Plan  12

UNIT-IV

7. Briefly describe various value engineering techniques  12
OR

8.  a) What is Total Value Engineering?  
    b) Explain the benefits of Total Value Engineering

UNIT-V

9. Briefly describe various Advanced Value Engineering Techniques

OR

10. a) What is Break Even Analysis?  
    b) What is Life Cycle Cost?