

MODEL QUESTION PAPER

EIGHTH SEMESTER B. TECH DEGREE EXAMINATION

BRANCH: AERONAUTICAL ENGINEERING

(2013 SCHEME)

13.805.1: PROJECT MANAGEMENT

Time: 3 hours

Max. Marks: 100

PART A

Answer all questions, each question carries 2 marks

1. What is a project?
2. Why do we need project management?
3. Discuss the tools & techniques of project management.
4. Describe the importance and difficulties of capital investment.
5. Describe the properties of NPV.
6. What are the three components of cash flow?
7. Write down the major demands of a project manager
8. What are the human aspects of project management?
9. What is WBS?
10. What is social cost Benefit analysis?

(10x2=20 marks)

PART B

Answer any one full question from each module, each question carries 20 marks

MODULE I

11. a) Describe the importance and difficulties of capital investment.
b) Discuss the five broad phases of capital budgeting.

OR

12. Explain the nature of BCG product matrix & GE stop light matrix as a planning tool.

MODULE II

13. What do you understand by SWOT Analysis? Explain with the help of example.

OR

14. a) Describe the importance of chart and layout drawings
b) What is work schedule? What purpose does it serve?

MODULE III

15. How will you prepare a project budget? What are the various budgets?

OR

16. a) What are the three components of cash flow?

b) What is meant by "Environment Impact Assessment"? What are the methodologies for Impact Assessment? Explain.

MODULE IV

17. What are the various sources of finance available for the projects in India? Describe briefly the various means of financing of project.

OR

18. Explain the PERT Model and CPM Model

(20x4=80 marks)