

Code No: 741AG

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MBA I Semester Examinations, June/July-2018****PROJECT MANAGEMENT****Time: 3hours****Max.Marks:75****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

**PART - A****5 × 5 Marks = 25**

1. Answer briefly on:
- a) Systems approach to project management. [5]
  - b) Project Planning [5]
  - c) Profitability Index [5]
  - d) Scrum [5]
  - e) Stress Management [5]

**PART - B****5 × 10 Marks = 50**

2. What is Project Management? Explain the need and importance of project management in Construction field. [10]

**OR**

3. Explain different steps involved in a Project Life Cycle. [10]

4. Explain about Social cost benefit analysis in Project planning and appraisal. [10]

**OR**

5. Explain about financial, technical, commercial and economic aspects involved in project appraisal. [10]

6. What is Project Evaluation? Explain the techniques used for Project Evaluation? [10]

**OR**

7. From the information given below select any one project for investment according to Net Present Value Method at 10 percent cost of Capital. [10]

Year	Project A (Amount in Rs.)	Project B (Amount in Rs.)
0	15,00,000	32,00,000
1	5,00,000	10,00,000
2	8,00,000	10,00,000
3	9,00,000	9,00,000
4	10,00,000	9,00,000
5	6,00,000	8,00,000

- 8.a) Explain the steps involved in Project Planning and Control?  
b) Explain the concept of Quality Management with reference to a project. [5+5]

**OR**

9. From the information given in the table draw network diagram, calculate critical path and duration of the project. [10]

Activity	Predecessor Activity	Most Likely
A	-	6
B	A	7
C	A	8
D	B	20
E	B	18
F	C	9
G	E	8
H	D,F	2
I	G,H	7

10. What is organizational structure? Which organizational structure is suitable for a project and why? [10]

**OR**

11. Explain the need and importance of leadership in successful execution and completion of a project. [10]

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