

Reg. No. \_\_\_\_\_

Name: \_\_\_\_\_

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
SIXTH TRIMESTER MBA DEGREE EXAMINATION APRIL 2019

OM-T6-14 ADVANCED PROJECT MANAGEMENT

Max. Marks: 60

Duration: 3 Hours

**Part A**

Answer all questions. Each question carries 2 marks

Write short notes on:

1. Project Management
2. Project portfolios
3. Darnall- Preston Complexity Index
4. Virtual teams
5. Elements of a project plan

(5x2 marks = 10 marks)

**Part B**

Answer any 3 questions. Each question carries 10 marks

6. What is Project Appraisal ? Explain the process involved.
7. Explain Life Cycle of a Project
8. Explain Project Management Software. Discuss the major features and Types of Project Management Softwares
9. Explain Project Profiling Models.
10. Discuss the emerging issues associated with Project Management.

(3x10 marks = 30 marks)

**Part C**

Compulsory question, the question carries 20 marks

11. a) Difference Between PERT & CPM (5 Marks)

b) The following table lists the jobs of a network along with their time estimates

Job i j	Duration(Days)		
	Optimis tic	Most likely	Pessimis tic
1- 2	3	6	15
1- 6	2	5	14
2- 3	6	12	30
2- 4	2	5	8
3- 5	5	11	17
4- 5	3	6	15
6- 7	3	9	27
5- 8	1	4	7
7- 8	4	19	28

1. Draw the Project Network (5 Marks)
2. Find the critical path and expected project completion time (5 Marks)
3. What is the approximate probability that the job on the critical path will be completed within 45 days (5 Marks)