

SVKM's NMIMS
NMIMS – GLOBAL ACCESS SCHOOL FOR CONTINUING EDUCATION

Programme: PGDBM/PGDITM

Examination: June 2015
Subject: Project Management

Semester: IV
Course : New
Marks : 70
Time: 3.00 p.m. to 6.00 p.m.

Date: 21.06.2015

- Instructions:
- 1) Candidates should read carefully the instructions printed on the question paper and on the cover of the answer-book, which is provided for their use
 - 2) Answer to each new question to be started on a fresh page
 - 3) Figures in brackets indicate full marks
 - 4) Required Normal Distribution Statistical Tables attached

Q.1) Attempt any 2 (two) out of 4 (four) (Marks: 2x5 = 10)

- a) Explain briefly the concept of Project Management
- b) Elaborate on the Delphi Method in Demand Estimation and Forecasting
- c) How would project managers benefit from using probabilities to describe uncertainties?
- d) What is Resource Limited Scheduling?

Q.2) Write short notes on (any 2 out of 5) (Marks: 2x5 =10)

- a) Updating of Projects
- b) BETA Distribution Curve
- c) Characteristics of projects amenable to PERT/CPM analysis
- d) Objectives of Project Planning
- e) Risk Mitigation

Q.3) Attempt any 3 (three) out of 5 (five) (Marks: 3x10 =30)

- a) The following table represents the assets of a multi-national company, in crores of rupees. Fit a straight line trend by the method of least squares. Estimate figure for 2008.

Year	2001	2002	2003	2004	2005	2006
Assets	83	92	71	90	110	115

- b) Write a note on the Selection and Appointment of Consultants as per World Bank guidelines
- c) Write a note on the Laws and Acts affecting Project Identification in Socio-Economic Environment and Legal Environment
- d) In the PERT Model, explain the steps involved in the measurement of variability
- e) What are the various steps in the Project Control Process? Explain

Q.4) Attempt both the questions

(Marks: 2 x 10 = 20)

a) The following table lists the jobs of a project with their time estimates

Job	t_n (days)	t_m (days)	t_p (days)
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

Questions:

- i) Draw the project network. For *each activity*, find activity time and variance
- ii) Calculate the project duration and the variance of the critical path
- iii) Find the probability of completing the project in 42 days

b) Explain, in detail, about Accessing Tax Burdens in projects

