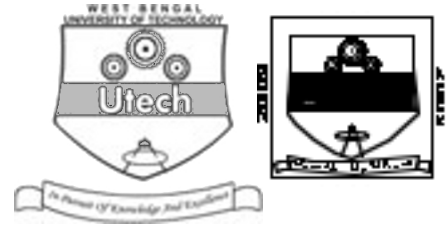


**CS/MBA(SUPPLE)/SEM-4/MB-402/09  
PROJECT MANAGEMENT ( SEMESTER - 4 )**



1. ....  
Signature of Invigilator

2. ....  
Signature of the Officer-in-Charge

**Reg. No.**

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**Roll No. of the Candidate**

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**CS/MBA(SUPPLE)/SEM-4/MB-402/09  
ENGINEERING & MANAGEMENT EXAMINATIONS, JULY – 2009  
PROJECT MANAGEMENT ( SEMESTER - 4 )**

Time : 3 Hours ]

[ Full Marks : 70

**INSTRUCTIONS TO THE CANDIDATES :**

- This Booklet is a Question-cum-Answer Booklet. The Booklet consists of **32 pages**. The questions of this concerned subject commence from Page No. 3.
- In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.
  - For **Groups – B & C** you have to answer the questions in the space provided marked 'Answer Sheet'. Questions of **Group – B** are Short answer type. Questions of **Group – C** are Long answer type. Write on both sides of the paper.
- Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.
- Read the instructions given inside carefully before answering.
- You should not forget to write the corresponding question numbers while answering.
- Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
- Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**
- You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, **which will lead to disqualification**.
- Rough work, if necessary is to be done in this booklet only and cross it through.

**No additional sheets are to be used and no loose paper will be provided**

**FOR OFFICE USE / EVALUATION ONLY**

Marks Obtained

Question Number	Group – A					Group – B					Group – C					Total Marks	Examiner's Signature
Marks Obtained																	

.....  
**Head-Examiner/Co-Ordinator/Scrutineer**

**S-52003 ( 16/07 )**



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**PROJECT MANAGEMENT**  
**SEMESTER - 4**



Time : 3 Hours ]

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for any *ten* of the following : 10 × 1 = 10
- i) Which of the following instruments is the best used for financial appraisal and selection of a project ?
- a) Pay-back period
  - b) IRR
  - c) ROI
  - d) Margin.
- ii) Difference between PERT and CPM is
- a) CPM takes less time than PERT
  - b) PERT is probabilistic but CPM is not
  - c) crashing can be done in CPM but not in PERT
  - d) all of these.
- iii) Project "Crashing" means
- a) failure of a project
  - b) time-cost trade off
  - c) breaking of the complete project into sub-parts
  - d) both (b) & (c).
- iv) Which of these instruments used for financial appraisal of a project ?
- a) Current ratio
  - b) Acid-test ratio
  - c) DCF
  - d) Debtor-period.



v) "Commissioning of a project"

- a) precedes "installation of the project"
- b) succeeds "installation of the project"
- c) has no temporal relationship with installation of the project
- d) none of these.

vi) "Resource Levelling" is synonymous with

- a) resource smoothing
- b) limited resource allocation
- c) levelling the quality of resources of a similar project
- d) none of these.

vii) In 2005, two mutually projects were evaluated :

Tractors ( NPV of Rs. 100 lakhs ) and Machinery ( NPV of Rs. 90 lakhs ). The Tractor project was selected. In 2008 after a post completion audit, the NPV of Tractor was Rs. 80 lakhs.

Which of the following is correct ?

- a) The 2005 decision was right
- b) The 2005 decision was wrong
- c) Nothing can be said about the decision
- d) All of these.

viii) The main objective of risk analysis is

- a) incorporating the risk in estimates so that the actual risk may come very close to the estimates
- b) identifying the risks so that they can be avoided
- c) identifying the risks so that it's effect can be minimized
- d) all of these.

ix) Status report of a project is prepared during

- a) defining stage
- b) planning stage
- c) execution stage



- d) delivery stage.
- x) Which software is not used in project management ?
- a) Primavera
- b) MS Project
- c) Prism
- d) Lotus.
- xi) Profitability index of 0.85 for a project means that
- a) the present value of benefits is 85% greater than the project's costs
- b) the project's NPV is greater than zero
- c) the project returns 85 cents in present value for each current dollar invested
- d) the payback period is less than 1 year.
- xii) "Cost Plus Profit" type of contract is often made when
- a) estimation of work cannot be done precisely
- b) estimation of work can be done precisely
- c) maximization of work is the main objective
- d) minimization of cost is the main objective.



**GROUP – B**

**( Short Answer Type Questions )**

Answer any *three* of the following.

3 × 5 = 15

2. Discuss in brief, the essential features of a project contract.
3. Define project audit and state its objectives.
4. Discuss the importance of project intangibles in project management.
5. Discuss the factors needed to be considered while procuring a project.



6. Identify the components of legal aspects of a project contract.

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* questions.



3 × 15 = 45

7. Write short notes on any *three* of the following :

3 × 5

- a) Global tender
- b) MIS & project management
- c) Crashing
- d) Assets of a project
- e) Mistakes & frauds.

8. a) Define Line of Balance ( LOB )

b) Discuss the stages followed in LOB technique.

c) What are the benefits of LOB technique ?

3 + 7 + 5

9. Enumerate the techniques of Risk Analysis of a project Investment. Discuss any two models.

5 + 10

10. What are the three stages of feasibility study ? Explain briefly the parameters to be considered for a technical feasibility study of a project.

6 + 9

11. Consider the following sequence of activities and related information for the construction of a new plant :



You should assume that the cost and time required for one activity are not dependent upon the cost and time of any other activity and variances are expected to follow a normal distribution. You are required to calculate :



- a) the critical path
- b) expected cost of construction of the plant
- c) expected time to build the plant
- d) the standard deviation of the expected time.

15

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END