	Utech
Name:	
Roll No.:	A Grant of Execution 2nd Explored
Invigilator's Signature :	

PROJECT MANAGEMENT & ENTREPRENEURSHIP DEVELOPMENT

Time Allotted: 3 Hours Full Marks: 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP - A

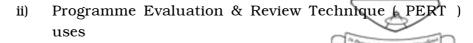
(Multiple Choice Type Questions)

1. Choose the correct alternatives for any ten of the following

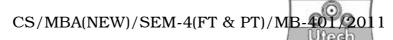
 $10 \times 1 = 10$

- i) Crash cost is the
 - a) increased cost of crashing a project activity
 - b) decreased cost of crashing a project activity
 - c) additional cost to be incurred in reducing an activity time per unit time
 - d) minimum possible cost required to complete a project activity.

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- a) multiple cost estimates
- b) multiple time estimates
- c) multiple time and cost estimates
- d) resource smoothing.
- iii) DPR stands for
 - a) Detailed Planning Report
 - b) Decent Project Report
 - c) Deal for Project Report
 - d) Detailed Project Report.
- iv) Type of layout applicable for Project execution is
 - a) Product
 - b) Process
 - c) Fixed Position
 - d) System.
- v) Which of the following statements is NOT true?
 - a) A network is a set of nodes and arcs
 - b) A project is represented as a directed network
 - c) The length of the arrow represents the duration of the project activity
 - d) A road network is a non-directed network.



- vi) A 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.
- vii) Which of the following is the most effective organizational structure of a project driven company working at multi-locations over the globe?
 - a) Functional organization
 - b) Product organization
 - c) Matrix organization
 - d) Line-staff organization.
- viii) Project "Crashing" means
 - a) Failure of a project
 - b) Time-costing trade off
 - c) Breaking of the complete project into sub-parts
 - d) Both (b) & (c).
- ix) What is the basic objective of a work breakdown structure (WBC)?
 - a) Identifying project personnel required
 - b) Identifying project resources
 - c) Identifying project activites
 - d) Identifying project activity interrelations.

- x) Entrepreneurship training is imparted in
 - a) banks
 - b) financial institutions
 - c) national small industries corporation
 - d) MSME-DI.
- xi) Short-term loan by an entrepreneur is taken for
 - a) land & builging
 - b) plant and machinery
 - c) computer & equipment
 - d) working capital.
- xii) MSME-DI is a/an
 - a) state level organization
 - b) block level organization
 - c) district level organization
 - d) all India level organization.

GROUP - B

(Short Answer Type Questions)

Answer any three of the following.

 $3 \times 5 = 15$

- 2. What do you mean by project appraisal? Discuss its significance to a project manager.
- 3. Discuss McClelland's N-Arch Theory. How can this theory be used for studying entrepreneurial motivation?
- 4. What are the qualities of a prospective entrepreneur?

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- 5. Distinguish between an entrepreneur and a manager.
- 6. Discuss briefly any three cost reduction methods in project management.
- 7. Is entrepreneurship a process? Discuss.

GROUP - C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

- 8. a) I propose to make an initial investment of Rs. 12,000,000 for a particular project *A*. After 4 years, I expect to have an inflow of Rs. 7,500,000 every year for 3 years. There is another alternative proposal *B* for investment. The same initial investment will fetch me Rs. 22,000,000 at the end of 6 years. Assuming a discounting factor of 10%, use the NPV method to decide which proposal is better.
 - b) What are usually the contents of a feasibility study report of a project?
- 9. a) Define entrepreneurial skills. What skills are necessary to be possessed by an entrepreneur?
 - b) Discuss the benefits of getting registered with DGS & D.

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10. i) The following table shows the activities and sequencing requirements necessary for completion of a research report:

Activity	Description	Time (days)	Immediate predecessors
A	Literature search	6	_
В	Formulation of hypothesis	5	_
С	Preliminary feasibility study	2	В
D	Formal proposal	2	С
E	Field analysis	2	A, D
F	Progress report	1	D
G	Formal research	6	A, D
Н	Data collection	5	E
I	Data analysis	6	G, H
J	Conclusions	2	I
K	Rough draft	4	G
L	Final copy	3	J, K
M	Preparation of oral presentation.	1	L

- a) Draw the network diagram for the project.
- b) Find the critical path. What is its length?
- c) Find the total float and free float for each noncritical activity.
- ii) Discuss briefly the five stages of entrepreneurship development process. 10 + 5

- 11. Explain the psychological and social factors of entrepreneurship.
- 12. a) State the role of Government in facilitating entrepreneurship. What are the laws that are to be kept in mind before starting a new business?

b) Write a note on Project auditor.

10 + 5

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