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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

MBA

SEM: I- THEORY EXAMINATION (2022-2023)

Subject: Project Management

Time: 3 Hours

Max. Marks:100

General Instructions:**IMP:** Verify that you have received question paper with correct course, code, branch etc.

1. This Question paper comprises of three Sections -A, B, & C. It consists of Multiple Choice Questions (MCQ's) & Subjective type questions.
2. Maximum marks for each question are indicated on right hand side of each question.
3. Illustrate your answers with neat sketches wherever necessary.
4. Assume suitable data if necessary.
5. Preferably, write the answers in sequential order.
6. No sheet should be left blank. Any written material after a blank sheet will not be evaluated/checked.

SECTION – A

20

1. Attempt all parts:-

- 1-a. A good starting point for developing time and cost estimates is (CO1) 1
- (a) Past experience
 - (a) Work packages
 - (b) Task analysis
 - (c) Time and motion studies
- 1-b. The process of forecasting or approximating the time and cost of completing project deliverables is called (CO1) 1
- (a) Budgeting
 - (b) Predicting
 - (c) Estimating
 - (d) Planning
- 1-c. The project life cycle consists of: (CO2) 1
- (a) Understanding the scope of the project
 - (a) Objectives of the project
 - (b) Formulation and planning various activities
 - (c) All of the above

- 1-d Risk must be considered in the _____ phase and weighed against the potential benefit of the project's success in order to decide if the project should be chosen. (CO2)
- (a) Completion
 - (b) Execution
 - (c) Planning
 - (d) Initiation
- 1-e Assembling project team and assigning their responsibilities are done during which phase of a project management? (CO3) 1
- (a) Initiation
 - (b) Planning
 - (c) Execution
 - (d) Closure
- 1-f "Risk" usually _____ as the project progresses. (CO3) 1
- (a) Increases
 - (a) Reduces
 - (b) Remains Same
 - (c) Becomes Negligible
- 1-g Horizontal bar chart that shows project tasks against a calendar is called (CO4) 1
- (a) Milestone
 - (b) Goal
 - (c) Gantt Chart
 - (d) Pert Chart
- 1-h A critical path network diagram does NOT: (CO4) 1
- (a) Help determine the amount of float
 - (b) Identify the particularly important activities
 - (c) Calculate earned value
 - (d) Calculate the duration of the whole project
- 1-i Changes to the project involve moving from: (CO5) 1
- (a) Project control stage to project definition stage
 - (b) Project control stage to project planning stage
 - (c) Project control stage to understanding the project environment stage
 - (d) None of the above
- 1-j The PERT in project management means program evaluation and _____ technique. (CO5) 1
- (a) Resource
 - (b) Reconciliation
 - (c) Reconsideration
 - (d) Review

2. Attempt all parts:-

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|---|---|
| 2.a. Discuss the objectives of Project Management. (CO1) | 2 |
| 2.b. Define Project Rating Index. (CO2) | 2 |
| 2.c. State the importance of Project need planning. (CO3) | 2 |
| 2.d. Define Gantt Chart. (CO4) | 2 |
| 2.e. Define Earned Value Analysis. (CO5) | 2 |

SECTION – B

30

3. Answer any five of the following-

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|---|---|
| 3-a. Explain stages of Project Management. (CO1) | 6 |
| 3-b. Explain Project Life Cycle and highlight the stages of it. (CO1) | 6 |
| 3-c. Prepare a checklist that can facilitate a project manager in designing a project report. (CO2) | 6 |
| 3-d. Discuss the process involved in project identification. (CO2) | 6 |
| 3-e. ‘The economic aspects of project appraisal are fundamental’ – comment. (CO3) | 6 |
| 3-f. Explain CPM/PERT Networks in detail. (CO4) | 6 |
| 3-g. Explain Time Estimation Method by considering Optimistic, Pessimistic and Most Likely Time Estimate. (CO5) | 6 |

SECTION – C

50

4. Answer any one of the following-

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|---|----|
| 4-a. Describe the contents of a project profile. Also explain the role of project manager. (CO1) | 10 |
| 4-b. State the difference between project management and general management with the help of industry-related examples. (CO1) | 10 |

5. Answer any one of the following-

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|--|----|
| 5-a. As an entrepreneur, what criteria would you adopt for project identification and project selection? Explain. (CO2) | 10 |
| 5-b. As a project manager, how would you go ahead with your project appraisal. Evaluate the different aspects to be employed for this purpose. (CO2) | 10 |

6. Answer any one of the following-

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|---|----|
| 6-a. Define capital structure. Describe the guidelines for planning the capital structure of a new company. (CO3) | 10 |
| 6-b. Explain SCBA. Also, elucidate the difference between the two popular approaches of SCBA. (CO3) | 10 |

7. Answer any one of the following-

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| 7-a. “PERT is the approach for multiple time estimates”. Elaborate the statement with example. (CO4) | 10 |
| 7-b. “The network techniques facilitate the integral cost planning, financing and scheduling on a scientific basis”. Explain the mechanism of network analysis and importance of it. (CO4) | 10 |

8. Answer any one of the following-

- 8-a. Elaborate the purpose of controlling the project. Elucidate the different control techniques. (CO5) 10
- 8-b. Elaborate the techniques adopted for evaluating projects. Enumerate the government schemes available for new projects. (CO5) 10