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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA
(An Autonomous Institute Affiliated to AKTU, Lucknow)

MBA (Integrated)

SEM: VIII - THEORY EXAMINATION (2025- 2026)

Subject: Project Management

Time: 2.5 Hours

Max. Marks: 60

General Instructions:

IMP: Verify that you have received the question paper with the 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

15

1. Attempt all parts:-

(1.1) Project life cycle includes..... (CO1,K1)

1

- (a) Initiation
- (b) Planning
- (c) Execution
- (d) All of these

(1.2) PERT stands for..... (CO2,K1)

1

- (a) Program Evaluation Review Technique
- (b) Project Evaluation
- (c) Process Evaluation
- (d) None

(1.3) Opportunity cost is.....(CO3,K1)

1

- (a) Lost benefit
- (b) Direct cost
- (c) Indirect cost
- (d) None

(1.4) TQM stands for.....(CO4,K1)

1

- (a) Total Quality Management
- (b) Time Quality Mgmt
- (c) Task Quality Mgmt
- (d) None

(1.5) If $CV < 0$, project is.....(CO5,K1)

1

- (a) Under budget
- (b) Over budget
- (c) On time
- (d) None

2. Attempt all parts:-

- | | | |
|-------|--|---|
| (2.1) | Define WBS. (CO1,K1) | 2 |
| (2.2) | Define Gantt chart. (CO2,K1) | 2 |
| (2.3) | Define CPI.(CO3,K1) | 2 |
| (2.4) | Explain Six Sigma.(CO4,K2) | 2 |
| (2.5) | Explain premature termination.(CO5,K2) | 2 |

SECTION-B

15

3. Answer any three of the following:-

- | | | |
|-------|--|---|
| (3.1) | Explain project success criteria. (CO1,K2) | 5 |
| (3.2) | Describe network diagram with example.(CO2,K2) | 5 |
| (3.3) | Discuss fixed and variable costs.(CO3,K2) | 5 |
| (3.4) | Describe TQM principles.(CO4,K2) | 5 |
| (3.5) | Explain risk response strategies.(CO5,K2) | 5 |

SECTION-C

30

4. Answer any one of the following:-

- | | | |
|-------|--|---|
| (4.1) | Discuss triple constraint with example. (CO1,K2) | 6 |
| (4.2) | Explain project life cycle in detail. (CO1,K2) | 6 |

5. Answer any one of the following:-

- | | | |
|-------|--|---|
| (5.1) | Analyze critical path in a network.(CO2,K4) | 6 |
| (5.2) | Apply PERT to estimate project duration.(CO2,K3) | 6 |

6. Answer any one of the following:-

- | | | |
|-------|--|---|
| (6.1) | Explain earned value analysis in detail.(CO3,K2) | 6 |
| (6.2) | Explain CPI and SPI with interpretation.(CO3,K2) | 6 |

7. Answer any one of the following:-

- | | | |
|-------|---|---|
| (7.1) | Analyze risk response strategies with examples.(CO4,K4) | 6 |
| (7.2) | Discuss qualitative and quantitative risk analysis.(CO4,K2) | 6 |

8. Answer any one of the following:-

- | | | |
|-------|---|---|
| (8.1) | Analyze CV and SV in project control. (CO5,K4) | 6 |
| (8.2) | Discuss project monitoring & control in detail.(CO5,K2) | 6 |