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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

MBA

SEM: IV - THEORY EXAMINATION (2023 - 2024)

Subject: Project Management

Time: 3 Hours

Max. Marks: 100

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

20

1. Attempt all parts:-

- 1-a. Enabling organizations to tie project results to business goals and thus, better compete in their markets is: (CO1) 1
- (a) Strategic failure
 - (b) Strategic competency
 - (c) Skill
 - (d) Value creation
- 1-b. These projects are usually a big part of researching and developing a new aspect of business:(CO1) 1
- (a) Infrastructure project
 - (b) Development projects
 - (c) Business project
 - (d) Search and find project
- 1-c. Leading indicator are the variables which change _____of the other variables:(CO2) 1
- (a) Ahead
 - (b) Simultaneous
 - (c) After
 - (d) None of these
- 1-d. Operational objectives of the project can be: (CO2) 1

- (a) Cost reduction
 (b) Efficiency
 (c) Timely completion
 (d) All of these
- 1-e. Which one of the following is the source of finance for a project? (CO3) 1
 (a) Euro issues
 (b) Foreign currency term issues
 (c) Debentures
 (d) All of the above
- 1-f. Which of the following is the first step in project financing? (CO3) 1
 (a) Financing stage
 (b) Pre-financing stage
 (c) Post-financing stage
 (d) None of these
- 1-g. Project management technique which uses three time estimates-optimistic, pessimistic and most likely, which help in establishing the probability of completing a project within a specified time and take calculated risk before commencing a project is-----.(CO4) 1
 (a) PERT
 (b) CUSUM
 (c) CPM
 (d) None of these
- 1-h. In Critical Path of CPM used in project planning techniques indicates _____.(CO4) 1
 (a) time require for the completion of the project
 (b) delays in the project
 (c) early start and late end of the project
 (d) None of these
- 1-i. If the Earned Value is equal to Actual Cost, it means: (CO5) 1
 (a) Project is on budget and on schedule
 (b) Schedule Variance Index is 1
 (c) There is no schedule variance
 (d) There is no cost variance
- 1-j. Which one of the following is a valid project Key Performance Indicator (KPI)? (CO5) 1
 (a) Staff appraisals.
 (b) Management buy in.
 (c) Milestone achievement.
 (d) Master schedule.

2. Attempt all parts:-
- 2.a. Describe a business project with suitable example. (CO1) 2
- 2.b. Describe the business risk. (CO2) 2
- 2.c. Write the types of cost of the project. (CO3) 2
- 2.e. State the reasons for using cost variance concept in project management. (CO5) 2
- 2.d. Define slack time. (CO4) 2

SECTION-B

30

3. Answer any five of the following:-

- 3-a. Discuss the importance of Project Management.(CO1) 6
- 3-b. Describe the characteristics of a project in detail. (CO1) 6
- 3-c. Diagrammatically explain the steps of risk identification and analysis. (CO2) 6
- 3-d. Identify some of the factors that can be considered for evaluating project feasibility. (CO2) 6
- 3.e. Diagrammatically explain the difference between top-down and bottom-up budgeting approaches.(CO3) 6
- 3.f. Elucidate the difference between AoA and AoN. (CO4) 6
- 3.g. Explain the role of project manager in planning, scheduling, monitoring and closing out the project. (CO5) 6

SECTION-C

50

4. Answer any one of the following:-

- 4-a. Describe the project life cycle with a neat and clean diagram. (CO1) 10
- 4-b. Developing good management infrastructure plays a positive role in project's success.' Elaborate this statement. (CO1) 10

5. Answer any one of the following:-

- 5-a. Discuss the uncertainties in demand forecasting. Suggest the ways to cope up with them. (CO2) 10
- 5-b. Describe the project risk. Discuss its various types. (CO2) 10

6. Answer any one of the following:-

- 6-a. Explain the need of project budget. Explain the steps involved in project budgeting. Also, explain the approaches of budgeting. (CO3) 10
- 6-b. Discuss Social Cost Benefit Analysis (SCBA) of Project (CO3) 10

7. Answer any one of the following:-

- 7-a. Explain the situations when to crash a project. Explain the steps of project crashing.(CO4) 10
- 7-b. Explain the concept of network analysis. Also, elaborate the purpose of network analysis in project scheduling.(CO4) 10

8. Answer any one of the following:-

- 8-a. Identify and explain the components of cost performance index (CPI). Write the 10

equation to calculate CPI. (CO5)

- 8-b. Define variance analysis. Explain the stepwise process of variance analysis in project monitoring and control process.(CO5) 10

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