



Paper id: 252151

Printed Page: 1 of 2
Subject Code: MNPM401

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**BTECH-MIN
(SEM IV) THEORY EXAMINATION 2024-25
INTRODUCTION TO PROJECT MANAGEMEN**

TIME: 3 HRS**M.MARKS: 100****Note:** Attempt all Sections. In case of any missing data; choose suitably.**SECTION A****1. Attempt all questions in brief. 2 x 10 = 20**

| Q No. | Question | CO | Level |
|-------|--|----|-------|
| a. | List any two characteristics of a project. | 1 | K2 |
| b. | What is a project? | 1 | K1 |
| c. | What is idea screening? | 2 | K1 |
| d. | Define the term project rating. | 2 | K1 |
| e. | Define working capital. | 3 | K1 |
| f. | What is the purpose of a projected income statement? | 3 | K1 |
| g. | Name two types of project appraisal. | 4 | K1 |
| h. | Why is environmental appraisal important? | 4 | K1 |
| i. | What is Agile? | 5 | K1 |
| j. | State one use of Kanban board. | 5 | K1 |

SECTION B**2. Attempt any three of the following: 10 x 3 = 30**

| Q No. | Question | CO | Level |
|-------|--|----|-------|
| a. | What is the significance of working capital estimation in a project? | 1 | K1 |
| b. | Explain the concept of project rating index. | 2 | K2 |
| c. | Explain the method to calculate Payback Period | 3 | K2 |
| d. | Explain the different types of project appraisal methods. | 4 | K2 |
| e. | Define Agile project management and state any two of its principles. | 5 | K1 |

SECTION C**3. Attempt any one part of the following: 10 x 1 = 10**

| Q No. | Question | CO | Level |
|-------|--|----|-------|
| a. | Explain different phases of the project life cycle. | 1 | K2 |
| b. | Compare the roles of project management and line management. | 1 | K4 |

4. Attempt any one part of the following: 10 x 1 = 10

| Q No. | Question | CO | Level |
|-------|---|----|-------|
| a. | Discuss the various types of feasibility studies necessary before starting a project. | 2 | K2 |
| b. | What is project appraisal? State its objectives. | 2 | K2 |



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5. Attempt any one part of the following: 10 x 1 = 10

| Q No. | Question | CO | Level |
|-------|--|----|-------|
| a. | Explain the difference between NPV and IRR methods with an example. | 3 | K2 |
| b. | Explain the difference between projected income statement and balance sheet. | 3 | K2 |

6. Attempt any one part of the following: 10 x 1 = 10

| Q No. | Question | CO | Level |
|-------|--|----|-------|
| a. | Explain environmental appraisal in context of project planning. | 4 | K2 |
| b. | Explain the purpose of a market survey during project appraisal? | 4 | K2 |

7. Attempt any one part of the following: 10 x 1 = 10

| Q No. | Question | CO | Level |
|-------|--|----|-------|
| a. | Differentiate between Scrum and Kanban methodologies. | 5 | K2 |
| b. | Explain any five key benefits of using Agile over Traditional methods. | 5 | K2 |

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