



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Food Technology) 2022 & Previous Admissions
VI Semester Final Examination – June 2025

Beas.3213

Project Preparation and Management (1+1)

Marks: 50
Time: 2 hours

I State True or False

(10x1=10)

1. The Critical Path Method (CPM) and Program Evaluation and Review Technique (PERT) are network-based techniques used in project implementation
2. Project selection involves identifying potential projects and evaluating them based on criteria such as feasibility and strategic fit.
3. Earned Value Analysis (EVA) integrates cost, schedule, and scope metrics to assess project performance.
4. Work Breakdown Structure (WBS) is a hierarchical decomposition of project resources
5. Team building and leadership play a minimal role in project management effectiveness.
- Fill in the blanks**
6. Project selection involves identifying potential projects and evaluating them based on criteria such as and
7. Earned Value Analysis (EVA) integrates, and metrics to assess project performance.
8. Work Breakdown Structure (WBS) is a hierarchical decomposition of the project
9. Resource leveling is a technique used to optimize resource utilization by resource allocation.
10. Program Evaluation and Review Technique (PERT) estimates activity durations based on, and scenarios.

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Name two key functions of project management.
2. Briefly explain how the evolution of project management has impacted modern business practices.
3. What are the main differences between forms of project management like Agile and Waterfall methodologies?
4. What is the purpose of a project charter in the project life cycle?
5. Briefly describe two types of estimates used in project cost estimating.
6. What is the role of a project manager in project monitoring and control?
7. What are some potential benefits of using computers and project management software in project execution

III Answer ANY FIVE of the following

(5x4=20)

1. Explain the evolution of project management and its significance in contemporary business environments.
2. Discuss the key components of project selection and the importance of each in initiating a successful project.
3. Explain the significance of work breakdown structure (WBS) in project planning and scheduling.
4. Describe the role of earned value analysis (EVA) in project monitoring and control.
5. Discuss the challenges and strategies associated with resource allocation in projects.

6. Explain the concept of Program Evaluation and Review Technique (PERT) and its application in project planning.
7. Discuss the importance of team building and leadership in project management and its impact on project success

IV

Write an essay on ANY ONE of the following

(1x10=10)

1. Discuss the role of project monitoring and control in ensuring project success. Explain various techniques and tools used in project monitoring and control, highlighting their significance in managing project performance.
2. Examine the impact of organizational and behavioral factors on project management. Discuss common challenges posed by these factors and strategies for addressing them to enhance project effectiveness. Illustrate your answer with relevant case studies or examples from project management practice.
