28801-42068

BRAINWARE UNIVERSITY

Term End Examination 2025-2026
Programme – Dip.CSE-2022/Dip.CSE-2023
Course Name – Project Management
Course Code - DCSE-OE601B
(Semester VI)

Full Marks : 60 **Time : 2:30 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question) 1 x 15=15

1. *Choose the correct alternative from the following :*

(i) Select the correct component of project assets.

a) Tangible resources
b) Intangible resources
c) Human capital
d) All of the above

(ii) Identify the key institutions that support project financing.

a) Banks and financial institutions
b) Government bodies
c) Venture capitalists
d) All of the above

(iii) Identify the primary function of a project sponsor.

a) To provide financial support and strategic guidance
b) To manage project teams directly
c) To handle day-to-day project execution
d) To execute project tasks

(iv) Identify the major components of a project charter.

a) Objectives, scope, stakeholders
b) Budget, milestones, deliverables
c) Risks, assumptions, constraints
d) All of the above

(v) Select the most appropriate tool for tracking project progress.

a) Gantt Chart
b) PERT Chart
c) Work Breakdown Structure
d) Project Charter

(vi) Select the most effective way to ensure quality in procurement.

a) Conducting supplier audits
b) Ignoring vendor reputation
c) Selecting only based on cost
d) Skipping contract reviews

(vii) Identify a function of project stores.

a) Holding unnecessary inventory
b) Ensuring material availability
c) Increasing procurement delays
d) Avoiding supplier communication

(viii) Identify the key role of HRD in projects.

a) Workforce training
b) Delaying recruitment
c) Ignoring employee development
d) Increasing attrition

 112-29

(ix) Identify a drawback of manual procurement systems.

a) Speed | b) Increased accuracy
c) More errors | d) Improved tracking

(x) Identify a factor that affects project HR planning.

a) Workforce availability | b) Ignoring deadlines
c) Lack of leadership | d) Delayed training

(xi) Choose the most effective way to reduce operating costs in a project.

a) Automate processes | b) Reduce workforce
c) Delay payments | d) Increase pricing

(xii) Select the key objective of project evaluation.

a) Risk assessment | b) Performance measurement
c) Cost estimation | d) All of the above

(xiii) Select the most critical factor in project feasibility studies.

a) Technical viability | b) Financial sustainability
c) Market demand | d) All of the above

(xiv) Choose the significance of cost-benefit analysis.

a) Evaluates project profitability | b) Assesses economic feasibility
c) Helps in decision making | d) All of the above

(xv) Choose a key factor influencing the success of project cost reduction.

a) Efficient resource allocation | b) Process automation
c) Negotiating supplier contracts | d) All of the above

Group-B

(Short Answer Type Questions) 3 x 5=15

2. Describe how a Gantt Chart is used in project scheduling and tracking. (3)
3. State the key differences between a project and an operational process. (3)
4. Explain the importance of vendor selection in procurement. (3)
5. Explain the role of value engineering in reducing project costs without compromising quality. (3)
6. Compare Planned Value (PV) and Earned Value (EV) in project performance measurement. (3)

OR

Evaluate the effectiveness of Earned Value Management (EVM) in identifying project overruns. (3)

Group-C

(Long Answer Type Questions) 5 x 6=30

7. Compare traditional project planning with real-time adaptive planning. (5)
8. Evaluate the impact of intangible factors (such as corporate culture) on project success. (5)
9. Describe the purpose of a Work Breakdown Structure (WBS) in project planning. (5)
10. Describe the concept of life-cycle costing and its relevance in project management. (5)
11. Compare internal and external project audits in terms of scope and effectiveness. (5)
12. Evaluate the advantages and disadvantages of performance-based contracts. (5)

OR

Estimate the potential legal risks associated with poorly defined contract terms. (5)

****