CAPM Exam Content

Domain		Percentage of Items on Test
I.	Project Management Fundamentals and Core Concepts	36%
II.	Predictive, Plan-Based Methodologies	17%
III.	Agile Frameworks/Methodologies	20%
IV.	Business Analysis Frameworks	27%
	Total	100%

Domain 1   Project Management Fundamentals and Core Concepts – 36%

Task 1	Demonstrate an understanding of the various project life cycles and processes. • Distinguish between a project, program, and a portfolio. • Distinguish between a project and operations. • Distinguish between predictive and adaptive approaches. • Distinguish between issues, risks, assumptions, and constraints. • Review/critique project scope. • Apply the project management code of ethics to scenarios (refer to *PMI Code of Ethics and Professional Conduct*). • Explain how a project can be a vehicle for change.
Task 2	Demonstrate an understanding of project management planning. • Describe the purpose and importance of cost, quality, risk, schedule, etc. • Distinguish between the different deliverables of a project management plan versus product management plan. • Distinguish differences between a milestone and a task duration. • Determine the number and type of resources in a project. • Use a risk register in a given situation. • Use a stakeholder register in a given situation. • Explain project closure and transitions.
Task 3	Demonstrate an understanding of project roles and responsibilities. • Compare and contrast the roles and responsibilities of project managers and project sponsors. • Compare and contrast the roles and responsibilities of the project team and the project sponsor. • Explain the importance of the role the project manager plays (e.g., initiator, negotiator, listener, coach, working member, and facilitator). • Explain the differences between leadership and management. • Explain emotional intelligence (EQ) and its impact on project management.
Task 4	Determine how to follow and execute planned strategies or frameworks (e.g., communication, risks, etc.). • Give examples of how it is appropriate to respond to a planned strategy or framework (e.g., communication, risk, etc.). • Explain project initiation and benefit planning.
Task 5	Demonstrate an understanding of common problem-solving tools and techniques. • Evaluate the effectiveness of a meeting. • Explain the purpose of focus groups, standup meetings, brainstorming, etc.

Domain 2   Predictive, Plan-Based Methodologies – 17%

Task 1	Explain when it is appropriate to use a predictive, plan-based approach. • Identify the suitability of a predictive, plan-based approach for the organizational structure (e.g., virtual, colocation, matrix structure, hierarchical, etc.). • Determine the activities within each process. • Give examples of typical activities within each process. • Distinguish the differences between various project components.
Task 2	Demonstrate an understanding of a project management plan schedule. • Apply critical path methods. • Calculate schedule variance. • Explain work breakdown structures (WBS). • Explain work packages. • Apply a quality management plan. • Apply an integration management plan.
Task 3	Determine how to document project controls of predictive, plan-based projects. • Identify artifacts that are used in predictive, plan-based projects. • Calculate cost and schedule variances.

Domain 3   Agile Frameworks/Methodologies – 20%

Task 1	Explain when it is appropriate to use an adaptive approach. • Compare the pros and cons of adaptive and predictive, plan-based projects. • Identify the suitability of adaptive approaches for the organizational structure (e.g., virtual, colocation, matrix structure, hierarchical, etc.). • Identify organizational process assets and environmental factors that facilitate the use of adaptive approaches.
Task 2	Determine how to plan project iterations. • Distinguish the logical units of iterations. • Interpret the pros and cons of the iteration. • Translate this WBS to an adaptive iteration. • Determine inputs for scope. • Explain the importance of adaptive project tracking versus predictive, plan-based tracking.
Task 3	Determine how to document project controls for an adaptive project. • Identify artifacts that are used in adaptive projects.
Task 4	Explain the components of an adaptive plan. • Distinguish between the components of different adaptive methodologies (e.g., Scrum, Extreme Programming (XP), Scaled Adaptive Framework (SAFe®), Kanban, etc.).
Task 5	Determine how to prepare and execute task management steps. • Interpret success criteria of an adaptive project management task. • Prioritize tasks in adaptive project management.

2023/4/10