



**PMP**

## **Exam Questions PMP**

Project Management Professional

#### NEW QUESTION 1

- (Topic 1)

In the Plan Stakeholder Management process, expert judgment is used to:

- A. Provide information needed to plan appropriate ways to engage project stakeholders.
- B. Ensure comprehensive identification and listing of new stakeholders.
- C. Analyze the information needed to develop the project scope statement.
- D. Decide the level of engagement of the stakeholders at each required stage.

**Answer: D**

#### NEW QUESTION 2

- (Topic 1)

Plan Risk Management is the process of defining how to:

- A. Communicate identified risks to the project stakeholders.
- B. Conduct risk management activities for a project.
- C. Analyze the impact a specific risk may have on the project.
- D. Address unexpected risks that may occur during a project.

**Answer: B**

#### NEW QUESTION 3

- (Topic 1)

What is the most accurate rough order of magnitude (ROM)?

- A. In the Initiation phase, the estimate is in the range of +/- 50%.
- B. In the Planning phase, the estimate is in the range of +/- 50%.
- C. In the Monitoring and Controlling phase, the estimate is in the range of +/- 15%.
- D. In the Closing phase, the estimate is in the range of +/- 15%.

**Answer: A**

#### NEW QUESTION 4

- (Topic 1)

Which of the following forecasting methods uses historical data as the basis for estimating future outcomes?

- A. Time series
- B. Judgmental
- C. Econometric
- D. Simulation

**Answer: A**

#### NEW QUESTION 5

- (Topic 1)

Which type of analysis is used as a general management technique within the Plan Procurements process?

- A. Risk assessment analysis
- B. Make or buy analysis
- C. Contract value analysis
- D. Cost impact analysis

**Answer: B**

#### NEW QUESTION 6

- (Topic 1)

Every project creates a unique product, service, or result that may be:

- A. tangible
- B. targeted
- C. organized
- D. variable

**Answer: A**

#### NEW QUESTION 7

- (Topic 1)

What entity is assigned various responsibilities related to the centralized and coordinated management of those projects under its domain?

- A. Project management office
- B. Project team office
- C. Executive sponsor office
- D. Program management office

**Answer:** A

**NEW QUESTION 8**

- (Topic 1)

Which of the following is an example of a risk symptom?

- A. Failure to meet intermediate milestones
- B. Force of nature, such as a flood
- C. Risk threshold target
- D. Crashing, front loading, or fast tracking

**Answer:** A

**NEW QUESTION 9**

- (Topic 1)

Which of the following is a project constraint?

- A. Twenty-five percent staff turnover is expected.
- B. The technology to be used is cutting-edge.
- C. Project leadership may change due to volatile political environment.
- D. The product is needed in 250 days.

**Answer:** D

**NEW QUESTION 10**

- (Topic 1)

A project can be defined as a:

- A. Temporary endeavor undertaken to create a unique product, service, or result
- B. Temporary endeavor that produces repetitive outputs
- C. Permanent endeavor undertaken to create a unique product, service, or result
- D. Permanent endeavor that produces repetitive outputs

**Answer:** A

**NEW QUESTION 10**

- (Topic 1)

Which of the following is the primary output of the Identify Risks process?

- A. Risk management plan
- B. Risk register
- C. Change requests
- D. Risk response plan

**Answer:** B

**NEW QUESTION 13**

- (Topic 1)

Which element does a project charter contain?

- A. Management reserves
- B. Work breakdown structure
- C. Stakeholder list
- D. Stakeholder register

**Answer:** C

**NEW QUESTION 18**

- (Topic 1)

The project governance approach should be described in the:

- A. change control plan
- B. project scope
- C. statement of work
- D. project management plan

**Answer:** D

**NEW QUESTION 20**

- (Topic 1)

Monte Carlo is which type of risk analysis technique?

- A. Probability
- B. Quantitative
- C. Qualitative

D. Sensitivity

**Answer: B**

**NEW QUESTION 25**

- (Topic 1)

Which Process Group and Knowledge Area include the Sequence Activities process?

- A. Executing Process Group and Project Time Management
- B. Executing Process Group and Project Cost Management
- C. Planning Process Group and Project Time Management
- D. Planning Process Group and Project Cost Management

**Answer: C**

**NEW QUESTION 27**

- (Topic 1)

What is the definition of project plan execution?

- A. Integrating all planned activities
- B. Performing the activities included in the plan
- C. Developing and maintaining the plan
- D. Execution of deliverables

**Answer: B**

**NEW QUESTION 30**

- (Topic 1)

Which of the following tools and techniques is used in the Develop Project Team process?

- A. Acquisitions
- B. Organizational theories
- C. Team-building activities
- D. Virtual teams

**Answer: C**

**NEW QUESTION 33**

- (Topic 1)

Which of the following is a tool and technique used in the Develop Schedule process?

- A. Three-point estimates
- B. Resource leveling
- C. Precedence diagramming method
- D. Bottom-up estimating

**Answer: B**

**NEW QUESTION 37**

- (Topic 1)

Which of the following is an input to the Qualitative Risk Analysis process?

- A. Risk register
- B. Risk data quality assessment
- C. Risk categorization
- D. Risk urgency

**Answer: A**

**NEW QUESTION 42**

- (Topic 1)

The Identify Stakeholders process is found in which Process Group?

- A. Initiating
- B. Monitoring and Controlling
- C. Planning
- D. Executing

**Answer: A**

**NEW QUESTION 47**

- (Topic 1)

Who is responsible for initiating a project?

- A. Project sponsor

- B. Project manager
- C. Program manager
- D. Project management office (PMO)

**Answer:** A

**NEW QUESTION 50**

- (Topic 1)

What tool and technique is used to determine whether work and deliverables meet requirements and product acceptance criteria?

- A. Decomposition
- B. Benchmarking
- C. Inspection
- D. Checklist analysis

**Answer:** C

**NEW QUESTION 54**

- (Topic 1)

Which input to the Manage Stakeholder Engagement process provides guidance on how stakeholders can best be involved in a project?

- A. Feedback analysis
- B. Stakeholder analysis
- C. Communication management plan
- D. Stakeholder management plan

**Answer:** D

**NEW QUESTION 56**

- (Topic 1)

A tool and technique used in the Develop Project Charter process is:

- A. change control tools
- B. expert judgment
- C. meetings
- D. analytical techniques

**Answer:** B

**NEW QUESTION 59**

- (Topic 1)

In which process is a project manager identified and given the authority to apply resources to project activities?

- A. Acquire Project Team
- B. Develop Project Management Plan
- C. Manage Project Execution
- D. Develop Project Charter

**Answer:** D

**NEW QUESTION 61**

- (Topic 1)

Which of the following helps to ensure that each requirement adds business value by linking it to the business and project objectives?

- A. Requirements traceability matrix
- B. Work breakdown structure (WBS) dictionary
- C. Requirements management plan
- D. Requirements documentation

**Answer:** A

**NEW QUESTION 62**

- (Topic 1)

Project Stakeholder Management focuses on:

- A. project staff assignments
- B. project team acquisition
- C. managing conflicting interests
- D. communication methods

**Answer:** C

**NEW QUESTION 67**

- (Topic 1)

Which is the Define Scope technique used to generate different approaches to execute and perform the work of the project?

- A. Build v
- B. buy
- C. Expert judgment
- D. Alternatives identification
- E. Product analysis

**Answer: C**

#### NEW QUESTION 70

- (Topic 1)

A tool and technique used during the Collect Requirements process is:

- A. prototypes.
- B. expert judgment.
- C. alternatives identification.
- D. product analysis.

**Answer: A**

#### NEW QUESTION 73

- (Topic 1)

Power, urgency, and legitimacy are attributes of which stakeholder classification model?

- A. Salience
- B. Influence/impact
- C. Power/interest
- D. Power/influence

**Answer: A**

#### NEW QUESTION 74

- (Topic 1)

The project management processes are usually presented as discrete processes with defined interfaces, while in practice they:

- A. operate separately.
- B. move together in batches,
- C. overlap and interact.
- D. move in a sequence.

**Answer: C**

#### NEW QUESTION 77

- (Topic 1)

Organizations perceive risks as:

- A. events that will inevitably impact project and organizational objectives.
- B. the effect of uncertainty on their project and organizational objectives.
- C. events which could have a negative impact on project and organizational objectives.
- D. the negative impact of undesired events on their project and organizational objectives.

**Answer: B**

#### NEW QUESTION 79

- (Topic 1)

The formal and informal interaction with others in an organization industry, or professional environment is known as:

- A. negotiation
- B. organizational theory
- C. meeting
- D. networking

**Answer: D**

#### NEW QUESTION 80

- (Topic 1)

The product scope description is used to:

- A. Gain stakeholders support for the project.
- B. Document the characteristics of the product.
- C. Describe the project in great detail.
- D. Formally authorize the project.

**Answer: B**

#### NEW QUESTION 82

- (Topic 1)

Which of the following processes includes prioritizing risks for subsequent further analysis or action by assessing and combining their probability of occurrence and impact?

- A. Qualitative risk analysis
- B. Quantitative risk analysis
- C. Risk management planning
- D. Risk response planning

**Answer: A**

#### NEW QUESTION 86

- (Topic 1)

What risk technique is used to quantify the probability and impact of risks on project objectives?

- A. Expert judgment
- B. Risk registry
- C. Risk response planning
- D. Interviewing

**Answer: D**

#### NEW QUESTION 88

- (Topic 1)

Which is an enterprise environmental factor?

- A. Marketplace conditions
- B. Policies and procedures
- C. Project files from previous projects
- D. Lessons learned from previous projects

**Answer: A**

#### NEW QUESTION 93

- (Topic 1)

Which of the following is a strategy to deal with positive risks or opportunities?

- A. Mitigate
- B. Transfer
- C. Exploit
- D. Avoid

**Answer: C**

#### NEW QUESTION 96

- (Topic 1)

Which type of risk diagram is useful for showing time ordering of events?

- A. Ishikawa
- B. Milestone
- C. Influence
- D. Decision tree

**Answer: C**

#### NEW QUESTION 97

- (Topic 1)

Which of the following correctly explains the term "progressive elaboration"?

- A. Changing project specifications continuously
- B. Elaborate tracking of the project progress
- C. Elaborate tracking of the project specifications with a change control system
- D. Project specifications becoming more explicit and detailed as the project progresses

**Answer: D**

#### NEW QUESTION 101

- (Topic 1)

Which characteristics do effective project managers possess?

- A. Project management knowledge, performance skills, and personal effectiveness
- B. Preparedness, project management knowledge, and personality characteristics
- C. General management, preparedness, and project management knowledge
- D. Assertiveness, collaboration, and performance skills

**Answer: A**

**NEW QUESTION 106**

- (Topic 1)

In project management, a temporary project can be:

- A. Completed without planning
- B. A routine business process
- C. Long in duration
- D. Ongoing to produce goods

**Answer: C**

**NEW QUESTION 111**

- (Topic 1)

The project charter is an input to which process?

- A. Develop Project Charter
- B. Develop Project Management Plan
- C. Monitor and Control Project Work
- D. Perform Integrated Change Control

**Answer: B**

**NEW QUESTION 113**

- (Topic 1)

An input to Develop Project Charter is a/an:

- A. Business case.
- B. Activity list.
- C. Project management plan.
- D. Cost forecast.

**Answer: A**

**NEW QUESTION 114**

- (Topic 1)

Which Control Scope input is compared to actual results to determine if corrective action is required for the project?

- A. Scope baseline
- B. Scope management plan
- C. Change management plan
- D. Cost baseline

**Answer: A**

**NEW QUESTION 119**

- (Topic 1)

A project manager seeking insight on previous stakeholder management plans and their effectiveness should evaluate:

- A. Historical information and the lessons-learned database.
- B. Historical information and the stakeholder register.
- C. Organizational process assets and the lessons-learned database.
- D. Project documents and historical information.

**Answer: A**

**NEW QUESTION 124**

- (Topic 1)

A stakeholder expresses a need not known to the project manager. The project manager most likely missed a step in which stakeholder management process?

- A. Plan Stakeholder Management
- B. Identify Stakeholders
- C. Manage Stakeholder Engagement
- D. Control Stakeholder Engagement

**Answer: A**

**NEW QUESTION 125**

- (Topic 1)

Stakeholders can be identified in later stages of the project because the Identify Stakeholders process should be:

- A. Continuous
- B. Discrete
- C. Regulated
- D. Arbitrary

**Answer: A**

**NEW QUESTION 128**

- (Topic 1)

Within a matrix organization, dual reporting of team members is a risk for project success. Who is responsible for managing this dual reporting relationship factor?

- A. Functional manager
- B. Project manager
- C. Functional manager supported by the project manager
- D. Project management office

**Answer: B**

**NEW QUESTION 129**

- (Topic 1)

Which of the following tools and techniques is used in the Verify Scope process?

- A. Inspection
- B. Variance analysis
- C. Expert judgment
- D. Decomposition

**Answer: A**

**NEW QUESTION 133**

- (Topic 1)

Projects are separated into phases or subprojects; these phases include:

- A. feasibility study, concept development, design, and prototype.
- B. initiate, plan, execute, and monitor.
- C. Develop Charter, Define Activities, Manage Stakeholder Expectations, and Report Performance.
- D. Identify Stakeholders, develop concept, build, and test.

**Answer: A**

**NEW QUESTION 136**

- (Topic 1)

When a project is undertaken to reduce defects in a product or service, the objective of the project is to create a/an:

- A. improvement
- B. program
- C. result
- D. portfolio

**Answer: A**

**NEW QUESTION 140**

- (Topic 1)

An output of the Develop Project Team process is:

- A. change requests
- B. team performance assessments
- C. project staff assignments
- D. project documents updates

**Answer: B**

**NEW QUESTION 144**

- (Topic 1)

Risk exists the moment that a project is:

- A. planned.
- B. conceived.
- C. chartered.
- D. executed.

**Answer: B**

**NEW QUESTION 146**

- (Topic 1)

Which standard has interrelationships to other project management disciplines such as program management and portfolio management?

- A. Program Management Body of Knowledge Guide
- B. The Standard for Program Management
- C. Organizational Project Management Maturity Model (OPM3\$)
- D. Guide to the Project Management Body of Knowledge (PMBOK®)

**Answer:**

D

**NEW QUESTION 147**

- (Topic 1)

Which technique is commonly used for the Perform Quantitative Risk Analysis process?

- A. Brainstorming
- B. Strategies for opportunities
- C. Decision tree analysis
- D. Risk data quality assessment

**Answer: C**

**NEW QUESTION 149**

- (Topic 1)

Which type of probability distribution is used to represent uncertain events such as the outcome of a test or a possible scenario in a decision tree?

- A. Uniform
- B. Continuous
- C. Discrete
- D. Linear

**Answer: C**

**NEW QUESTION 151**

- (Topic 1)

What causes replanning of the project scope?

- A. Project document updates
- B. Project scope statement changes
- C. Variance analysis
- D. Change requests

**Answer: D**

**NEW QUESTION 156**

- (Topic 1)

What is the definition of Direct and Manage Project Execution?

- A. Integrating all planned activities
- B. Performing the activities included in the plan
- C. Developing and maintaining the plan
- D. Execution of deliverables

**Answer: B**

**NEW QUESTION 157**

- (Topic 1)

Scope verification is PRIMARILY concerned with which of the following?

- A. Acceptance of the work deliverables.
- B. Accuracy of the work deliverables.
- C. Approval of the scope statement.
- D. Accuracy of the work breakdown structure.

**Answer: A**

**NEW QUESTION 158**

- (Topic 1)

The probability and impact matrix is primarily used to:

- A. Quantify risk issues for trends during a quality audit.
- B. Develop a risk register for risk planning.
- C. Evaluate each risk's importance and priority during Perform Qualitative Risk Analysis.
- D. Define risk and compare impacts during Perform Quantitative Risk Analysis.

**Answer: C**

**NEW QUESTION 160**

- (Topic 1)

What process determines which risks might affect the project?

- A. Qualitative risk analysis
- B. Identify Risks
- C. Plan Risk Management
- D. Quantitative risk analysis

**Answer: B**

**NEW QUESTION 164**

- (Topic 1)

A projects purpose or justification, measurable project objectives and related success criteria, a summary milestone schedule, and a summary budget are all components of which document?

- A. Work breakdown structure
- B. Requirements document
- C. Project charter
- D. Project management plan

**Answer: C**

**NEW QUESTION 167**

- (Topic 1)

At which point of the project is the uncertainty the highest and the risk of failing the greatest?

- A. Final phase of the project
- B. Start of the project
- C. End of the project
- D. Midpoint of the project

**Answer: B**

**NEW QUESTION 172**

- (Topic 1)

The scope of a project cannot be defined without some basic understanding of how to create the specified:

- A. objectives
- B. schedule
- C. product
- D. approach

**Answer: C**

**NEW QUESTION 176**

- (Topic 1)

One of the objectives of a quality audit is to:

- A. highlight the need for root cause analysis.
- B. share the process documentation among stakeholders.
- C. offer assistance with non-value-added activities.
- D. identify all of the gaps or shortcomings.

**Answer: D**

**NEW QUESTION 178**

- (Topic 1)

In which process group is the scope first defined?

- A. Initiating
- B. Planning
- C. Executing
- D. Controlling

**Answer: A**

**NEW QUESTION 182**

- (Topic 1)

Which activity is an input to the select sellers process?

- A. Organizational process assets
- B. Resource availability
- C. Change control process
- D. Team performance assessment

**Answer: A**

**NEW QUESTION 184**

- (Topic 1)

Project management processes ensure the:

- A. alignment with organizational strategy
- B. efficient means to achieve the project objectives

- C. performance of the project team
- D. effective flow of the project throughout its life cycle

**Answer:** D

**NEW QUESTION 188**

- (Topic 1)

Stakeholder management strategy is an output of:

- A. Plan Communications.
- B. Distribute Information.
- C. Report Performance.
- D. Identify Stakeholders.

**Answer:** D

**NEW QUESTION 189**

- (Topic 1)

For any given project, the project manager, in collaboration with the project team, is responsible for:

- A. Applying knowledge, skills, and processes uniformly.
- B. Informing the project sponsor about which processes are going to be used.
- C. Tailoring the processes to fit the abilities of the organization.
- D. Determining which particular processes are appropriate.

**Answer:** D

**NEW QUESTION 194**

- (Topic 1)

Which type of contract is a hybrid of both a cost-reimbursable and a fixed-price contract?

- A. Cost Plus Award Fee Contract (CPAF)
- B. Firm-Fixed -Price Contract (FFP)
- C. Time and Material Contract (T&M)
- D. Cost Plus Incentive Fee Contract (CPIF)

**Answer:** C

**NEW QUESTION 198**

- (Topic 1)

Identify Stakeholders is the process of identifying all of the people or organizations impacted by the project and documenting relevant information regarding their interests in, involvement in, and impact on the project:

- A. manager.
- B. success.
- C. deadline.
- D. scope.

**Answer:** B

**NEW QUESTION 199**

- (Topic 1)

What characteristic do project and operational work share in common?

- A. Performed by systems
- B. Constrained by limited resources
- C. Repetitiveness
- D. Uniqueness

**Answer:** B

**NEW QUESTION 203**

- (Topic 1)

Which type of agreement is legal, contractual, and between two or more entities to form a partnership, joint venture, or some other arrangement as defined by the parties?

- A. Teaming
- B. Collective bargaining
- C. Sharing
- D. Working

**Answer:** A

**NEW QUESTION 204**

- (Topic 1)

The process of prioritizing risks for further analysis or action is known as:

- A. Plan Risk Management.
- B. Plan Risk Responses.
- C. Perform Qualitative Risk Analysis.
- D. Perform Quantitative Risk Analysis.

**Answer: C**

**NEW QUESTION 209**

- (Topic 1)

Which activity is an input to the Conduct Procurements process?

- A. Organizational process assets
- B. Resource availability
- C. Perform Integrated Change Control
- D. Team performance assessment

**Answer: A**

**NEW QUESTION 213**

- (Topic 1)

Which of the following is an information gathering technique in Identify Risks?

- A. Influence diagrams
- B. Brainstorming
- C. Assumption analysis
- D. SWOT analysis

**Answer: B**

**NEW QUESTION 217**

- (Topic 1)

Which of the following is an input to the Develop Project Charter process?

- A. Work performance information
- B. Project management plan
- C. Business case
- D. Change requests

**Answer: C**

**NEW QUESTION 219**

- (Topic 1)

Projects are undertaken by an organization to support the:

- A. Product performance.
- B. Budget process.
- C. Collective capabilities.
- D. Organizational strategy.

**Answer: D**

**NEW QUESTION 220**

- (Topic 1)

An input to the Collect Requirements process is the:

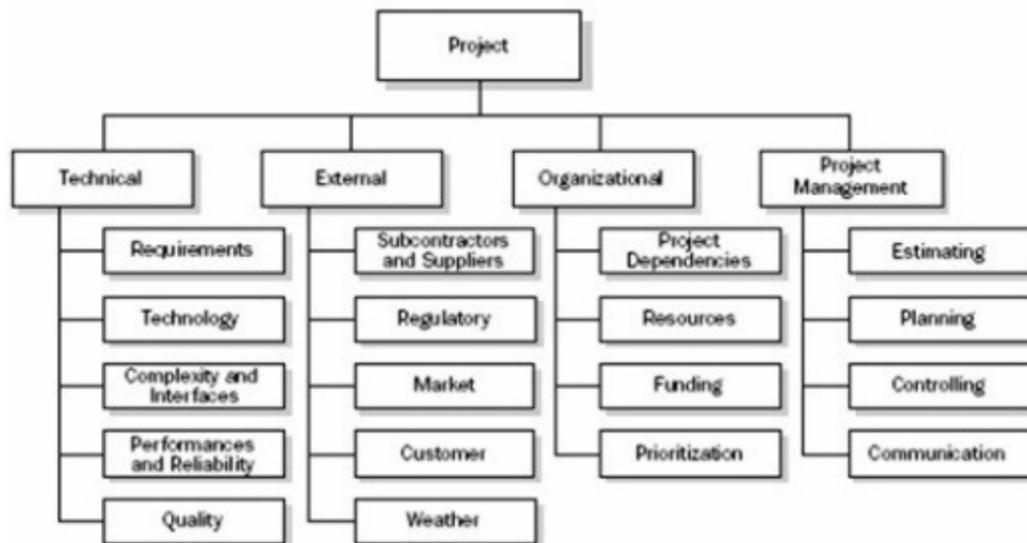
- A. stakeholder register.
- B. project management plan.
- C. project scope statement.
- D. requirements management plan.

**Answer: A**

**NEW QUESTION 223**

- (Topic 1)

The diagram below is an example of a:



- A. Risk breakdown structure (RBS).
- B. Project team.
- C. SWOT Analysis.
- D. Work breakdown structure (WBS).

**Answer:** A

**NEW QUESTION 224**

- (Topic 1)

Which of the following is a tool or technique used in the Acquire Project Team process?

- A. Networking
- B. Training
- C. Negotiation
- D. Issue log

**Answer:** C

**NEW QUESTION 228**

- (Topic 1)

Which process uses occurrence probability and impact on project objectives to assess the priority of identified risks?

- A. Risk identification
- B. Qualitative risk analysis
- C. Risk management planning
- D. Quantitative risk analysis

**Answer:** B

**NEW QUESTION 230**

- (Topic 1)

Which of the following methods is a project selection technique?

- A. Flowcharting
- B. Earned value
- C. Cost-benefit analysis
- D. Pareto analysis

**Answer:** C

**NEW QUESTION 234**

- (Topic 1)

Which tool or technique is used to develop a project charter?

- A. Project manager information systems
- B. Expert judgment
- C. Change control meetings
- D. Brainstorming

**Answer:** B

**NEW QUESTION 235**

- (Topic 1)

The degree, amount, or volume of risk that an organization or individual will withstand is called risk:

- A. appetite
- B. tolerance
- C. threshold
- D. management

**Answer:** B

**NEW QUESTION 239**

- (Topic 1)

The project manager notes that stakeholders are aware of the project and potential impacts and are actively engaged in ensuring that the project is a success. The engagement level of the stakeholders should be classified as:

- A. Supportive
- B. Leading
- C. Neutral
- D. Resistant

**Answer:** B

**NEW QUESTION 243**

- (Topic 1)

An input required in Define Scope is an organizational:

- A. structure.
- B. process asset.
- C. matrix.
- D. breakdown structure.

**Answer:** B

**NEW QUESTION 244**

- (Topic 1)

In which Knowledge Area is the project charter developed?

- A. Project Cost Management
- B. Project Scope Management
- C. Project Time Management
- D. Project Integration Management

**Answer:** D

**NEW QUESTION 245**

- (Topic 1)

Which process is conducted from project inception through completion and is ultimately the responsibility of the project manager?

- A. Control Quality
- B. Monitor and Control Project Work
- C. Control Scope
- D. Perform Integrated Change Control

**Answer:** D

**NEW QUESTION 250**

- (Topic 1)

A complete set of concepts, terms, and activities that make up an area of specialization is known as:

- A. a Knowledge Area
- B. a Process Group
- C. program management
- D. portfolio management

**Answer:** A

**NEW QUESTION 254**

- (Topic 1)

As part of a mid-project evaluation, the project sponsor has asked for a forecast of the total project cost. What should be used to calculate the forecast?

- A. BAC
- B. EAC
- C. ETC
- D. WBS

**Answer:** B

**NEW QUESTION 257**

- (Topic 1)

Which input to the Identify Stakeholders process provides information about internal or external parties related to the project?

- A. Procurement documents
- B. Communications plan

- C. Project charter
- D. Stakeholder register

**Answer: C**

**NEW QUESTION 262**

- (Topic 1)

Stakeholder satisfaction should be managed as a key project:

- A. Benefit
- B. Initiative
- C. Objective
- D. Process

**Answer: C**

**NEW QUESTION 263**

- (Topic 1)

Which of the following documents allows the project manager to assess risks that may require near term action?

- A. Probability and impact matrix
- B. Contingency analysis report
- C. Risk urgency assessment
- D. Rolling wave plan

**Answer: C**

**NEW QUESTION 267**

- (Topic 1)

Which process involves determining, documenting, and managing stakeholders' needs and requirements to meet project objectives?

- A. Collect Requirements
- B. Plan Scope Management
- C. Define Scope
- D. Define Activities

**Answer: A**

**NEW QUESTION 269**

- (Topic 2)

An input to the Plan Stakeholder Management process is:

- A. The project charter.
- B. The stakeholder analysis.
- C. A communication management plan.
- D. A stakeholder register.

**Answer: D**

**NEW QUESTION 272**

- (Topic 2)

Which process involves defining, preparing, and coordinating all subsidiary plans and integrating them into a comprehensive plan?

- A. Direct and Manage Project Work
- B. Develop Project Management Plan
- C. Plan Quality Management
- D. Monitor and Control Project Work

**Answer: B**

**NEW QUESTION 273**

- (Topic 2)

The process of identifying and documenting project roles, responsibilities, required skills, and reporting relationships and creating a staffing management plan is known as:

- A. Develop Project Team.
- B. Manage Project Team.
- C. Acquire Project Team.
- D. Plan Human Resource Management.

**Answer: D**

**NEW QUESTION 274**

- (Topic 2)

The definition of when and how often the risk management processes will be performed throughout the project life cycle is included in which risk management plan

component?

- A. Timing
- B. Methodology
- C. Risk categories
- D. Budgeting

**Answer:** A

**NEW QUESTION 278**

- (Topic 2)

Which process involves documenting the actions necessary to define, prepare, integrate, and coordinate all subsidiary plans?

- A. Collect Requirements
- B. Direct and Manage Project Execution
- C. Monitor and Control Project Work
- D. Develop Project Management Plan

**Answer:** D

**NEW QUESTION 280**

- (Topic 2)

Which of the following is a tool and technique for Estimate Activity Durations?

- A. Parametric estimating
- B. Monte Carlo analysis
- C. Alternatives analysis
- D. Bottom-up estimating

**Answer:** A

**NEW QUESTION 283**

- (Topic 2)

The specific technique for identifying a problem, discovering the causes that lead to it, and developing preventive actions is:

- A. Inspection
- B. Use of quality checklists
- C. Root cause analysis
- D. Use of matrix diagrams

**Answer:** C

**NEW QUESTION 288**

- (Topic 2)

A method of obtaining early feedback on requirements by providing a working model of the expected product before actually building is known as:

- A. Benchmarking.
- B. Context diagrams.
- C. Brainstorming.
- D. Prototyping.

**Answer:** D

**NEW QUESTION 289**

- (Topic 2)

When an activity cannot be estimated with a reasonable degree of confidence, the work within the activity is decomposed into more detail using which type of estimating?

- A. Bottom-up
- B. Parametric
- C. Analogous
- D. Three-point

**Answer:** A

**NEW QUESTION 290**

- (Topic 2)

The only Process Group that comprises processes that typically occur from the beginning to the end of the project life cycle is:

- A. Planning.
- B. Executing,
- C. Monitoring and Controlling.
- D. Closing.

**Answer:** A

**NEW QUESTION 293**

- (Topic 2)

Which quality planning tools and techniques are used to visually identify logical groupings based on natural relationships?

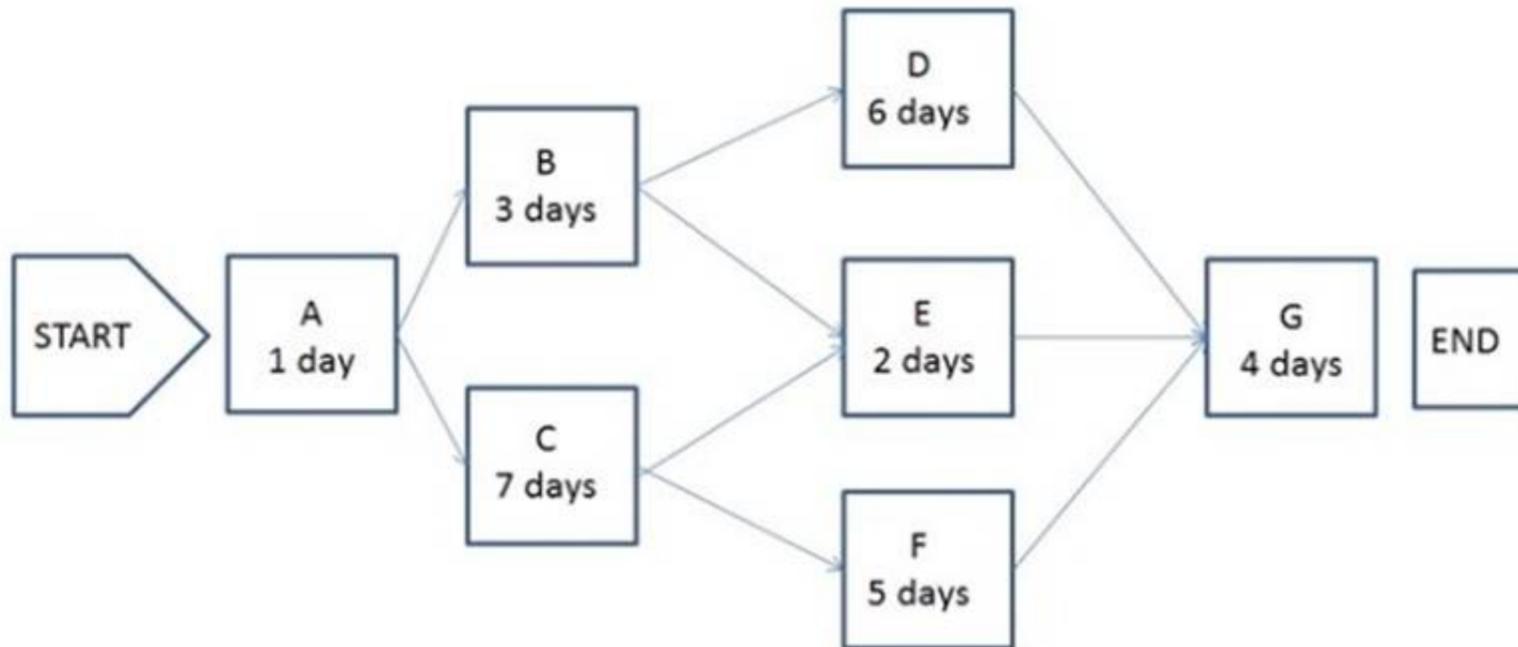
- A. Force field diagrams
- B. Cause-and-effect diagrams
- C. Affinity diagrams
- D. Nominal group techniques

**Answer: C**

**NEW QUESTION 295**

- (Topic 2)

The following is a network diagram for a project.



The critical path for the project is how many days in duration?

- A. 10
- B. 12
- C. 14
- D. 17

**Answer: D**

**NEW QUESTION 297**

- (Topic 2)

Which input will be used when tasked with developing the human resource plan?

- A. Project management plan
- B. Activity resource requirements
- C. Resource calendar
- D. Project staff assignments

**Answer: B**

**NEW QUESTION 301**

- (Topic 2)

During what process is the quality policy determined?

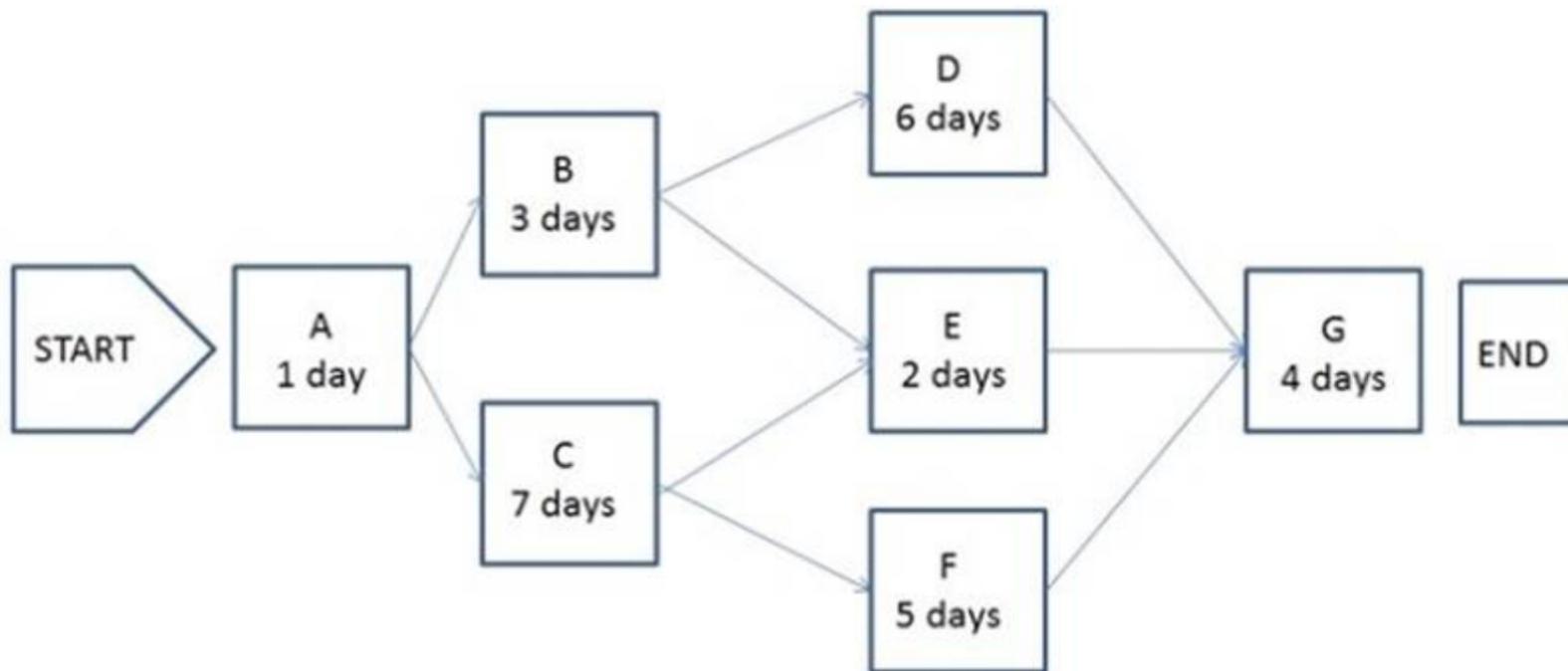
- A. Initiating
- B. Executing
- C. Planning
- D. Controlling

**Answer: C**

**NEW QUESTION 305**

- (Topic 2)

The following is a network diagram for a project.



What is the critical path for the project?

- A. A-B-D-G
- B. A-B-E-G
- C. A-C-F-G
- D. A-C-E-G

**Answer: C**

**NEW QUESTION 308**

- (Topic 2)

When can pre-assignment of project team members occur?

- A. When the project uses capital expenditures
- B. When the required staff can be acquired from outside sources
- C. When the project would be ignored due to travel expenses
- D. When the project is the result of specific people being promised as part of a competitive proposal

**Answer: D**

**NEW QUESTION 311**

- (Topic 2)

The processes required to establish the scope of the project, refine the objectives, and define the course of action required to attain the objectives that the project has been undertaken to achieve are grouped within which Process Group?

- A. Initiating
- B. Planning
- C. Executing
- D. Monitoring and Controlling

**Answer: B**

**NEW QUESTION 315**

- (Topic 2)

A project in which the scope, time, and cost of delivery are determined as early as possible is following a life cycle that is:

- A. Adaptive
- B. Predictive
- C. Incremental
- D. Iterative

**Answer: B**

**NEW QUESTION 319**

- (Topic 2)

Which of the following lists contain processes that are included within Project Procurement Management?

- A. Plan purchases and acquisitions, plan contracting, request seller responses, select sellers
- B. Plan purchases and acquisitions, request seller responses, select sellers, schedule control
- C. Plan purchases and acquisitions, acquire project team, request seller responses, select sellers
- D. Plan purchases and acquisitions, acquire project team, contract approval, select sellers

**Answer: A**

**NEW QUESTION 324**

- (Topic 2)

A benefit of using virtual teams in the Acquire Project Team process is the reduction of the:

- A. cultural differences of team members
- B. possibility of communication misunderstandings
- C. costs associated with travel
- D. costs associated with technology

**Answer: C**

**NEW QUESTION 329**

- (Topic 2)

The milestone list is an input to which process from the Planning Process Group?

- A. Define Activities
- B. Estimate Activity Durations
- C. Estimate Activity Resources
- D. Sequence Activities

**Answer: D**

**NEW QUESTION 333**

- (Topic 2)

The staffing management plan is part of the:

- A. organizational process assets.
- B. resource calendar.
- C. human resource plan.
- D. Develop Project Team process.

**Answer: C**

**NEW QUESTION 335**

- (Topic 2)

Activity cost estimates are quantitative assessments of the probable costs required to:

- A. Create WBS.
- B. complete project work.
- C. calculate costs.
- D. Develop Project Management Plan.

**Answer: B**

**NEW QUESTION 340**

- (Topic 2)

Which tool or technique is used in the Plan Scope Management process?

- A. Document analysis
- B. Observations
- C. Product analysis
- D. Expert judgment

**Answer: D**

**NEW QUESTION 343**

- (Topic 2)

An input of the Create WBS process is:

- A. requirements documentation.
- B. scope baseline.
- C. project charter.
- D. validated deliverables.

**Answer: A**

**NEW QUESTION 348**

- (Topic 2)

In the Define Activities process, the schedule management plan is used to:

- A. Capture the lessons learned from other projects for comparison.
- B. Contain the standard activity list.
- C. Document and support the project change requests.
- D. Prescribe the level of detail needed to manage the work.

**Answer: D**

**NEW QUESTION 349**

- (Topic 2)

When does the project team determine which dependencies are discretionary?

- A. Before the Define Activities process
- B. During the Define Activities process
- C. Before the Sequence Activities process
- D. During the Sequence Activities process

**Answer: D**

**NEW QUESTION 354**

- (Topic 2)

The Plan Stakeholder Management process belongs to which Process Group?

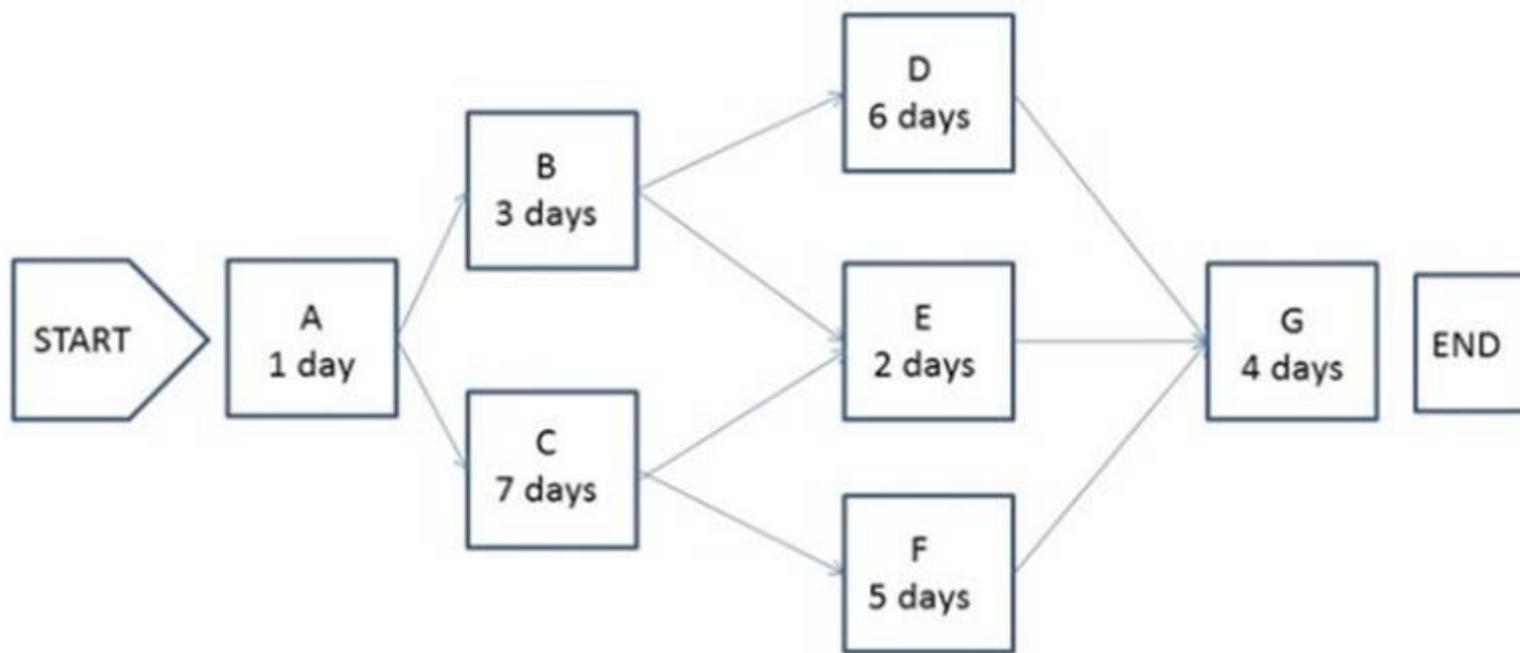
- A. Executing
- B. Initiating
- C. Planning
- D. Monitoring and Controlling

**Answer: C**

**NEW QUESTION 358**

- (Topic 2)

The following is a network diagram for a project.



The total float for the project is how many days?

- A. 3
- B. 5
- C. 7
- D. 9

**Answer: A**

**NEW QUESTION 362**

- (Topic 2)

Identifying major deliverables, deciding if adequate cost estimates can be developed, and identifying tangible components of each deliverable are all part of which of the following?

- A. Work breakdown structure
- B. Organizational breakdown structure
- C. Resource breakdown structure
- D. Bill of materials

**Answer: A**

**NEW QUESTION 363**

- (Topic 2)

Risk categorization is a tool or technique used in which process?

- A. Plan Risk Responses
- B. Plan Risk Management
- C. Perform Qualitative Risk Analysis
- D. Perform Quantitative Risk Analysis

**Answer: C**

**NEW QUESTION 368**

- (Topic 2)

What are the identified risks for doing excessive decomposition in a WBS?

- A. Insufficient project funding and disqualification of sellers
- B. Insufficient project funding and ineffective use of resources
- C. Disqualification of sellers and non-productive management efforts
- D. Non-productive management effort and inefficient use of resources

**Answer: D**

**NEW QUESTION 370**

- (Topic 2)

Enterprise environmental factors are an input to which process?

- A. Control Scope
- B. Define Scope
- C. Plan Scope Management
- D. Collect Requirements

**Answer: C**

**NEW QUESTION 373**

- (Topic 2)

Which tool or technique is required in order to determine the project budget?

- A. Cost of quality
- B. Historical relationships
- C. Project management software
- D. Forecasting

**Answer: B**

**NEW QUESTION 374**

- (Topic 2)

A strengths, weaknesses, opportunities, and threats (SWOT) analysis is a tool or technique used in which process?

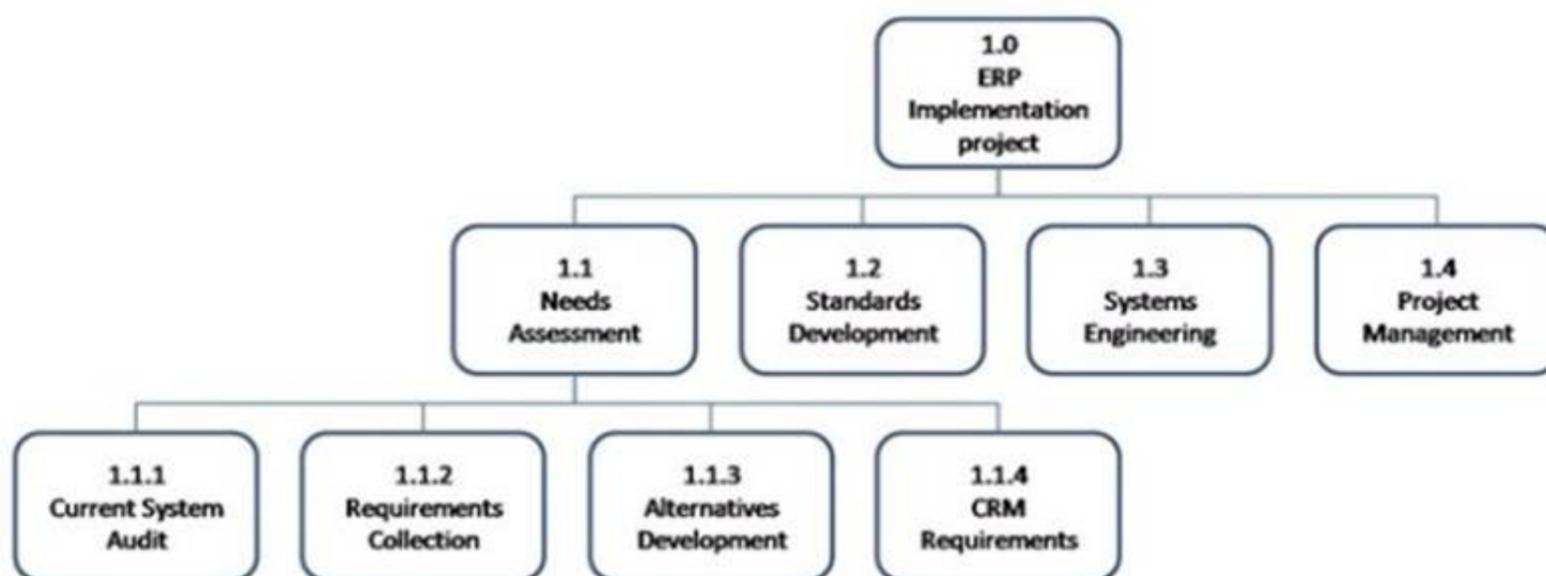
- A. Identify Risks
- B. Control Risks
- C. Perform Quantitative Risk Analysis
- D. Perform Qualitative Risk Analysis

**Answer: A**

**NEW QUESTION 378**

- (Topic 2)

Which type of graphic is displayed below?



- A. Work breakdown structure
- B. Context diagram
- C. Control chart
- D. Pareto diagram

**Answer: A**

**NEW QUESTION 383**

- (Topic 2)

Which of the following is a group decision-making technique?

- A. Brainstorming
- B. Focus groups
- C. Affinity diagram
- D. Plurality

**Answer:** D

**NEW QUESTION 387**

- (Topic 2)

Which process develops options and actions to enhance opportunities and reduce threats to project objectives?

- A. Identify Risks
- B. Control Risks
- C. Plan Risk Management
- D. Plan Risk Responses

**Answer:** D

**NEW QUESTION 392**

- (Topic 2)

The item that provides more detailed descriptions of the components in the work breakdown structure (WBS) is called a WBS:

- A. dictionary.
- B. chart.
- C. report.
- D. register.

**Answer:** A

**NEW QUESTION 394**

- (Topic 2)

The planned work contained in the lowest level of work breakdown structure (WBS) components is known as:

- A. Work packages.
- B. Accepted deliverables.
- C. The WBS dictionary.
- D. The scope baseline.

**Answer:** A

**NEW QUESTION 396**

- (Topic 2)

Which item is a formal proposal to modify any document, deliverable, or baseline?

- A. Change request
- B. Requirements documentation
- C. Scope baseline
- D. Risk urgency assessment

**Answer:** A

**NEW QUESTION 398**

- (Topic 2)

Which is an example of Administer Procurements?

- A. Negotiating the contract
- B. Authorizing contractor work
- C. Developing the statement of work
- D. Establishing evaluation criteria

**Answer:** B

**NEW QUESTION 402**

- (Topic 2)

Which quality management and control tool is useful in visualizing parent-to-child relationships in any decomposition hierarchy that uses a systematic set of rules that define a nesting relationship?

- A. Interrelationship digraphs
- B. Tree diagram
- C. Affinity diagram
- D. Network diagram

**Answer:** B

**NEW QUESTION 405**

- (Topic 2)

An output of the Create WBS process is:

- A. Scope baseline.
- B. Project scope statement.
- C. Organizational process assets.
- D. Requirements traceability matrix.

**Answer: A**

**NEW QUESTION 408**

- (Topic 2)

In a construction project schedule, what is the logical relationship between the delivery of the concrete materials and the pouring of concrete?

- A. Start-to-start (SS)
- B. Start-to-finish (SF)
- C. Finish-to-finish (FF)
- D. Finish-to-start (FS)

**Answer: D**

**NEW QUESTION 409**

- (Topic 2)

Inputs to the Plan Schedule Management process include:

- A. Organizational process assets and the project charter,
- B. Enterprise environmental factors and schedule tools.
- C. Time tables and Pareto diagrams.
- D. Activity attributes and resource calendars.

**Answer: A**

**NEW QUESTION 414**

- (Topic 2)

What is the total float of the critical path?

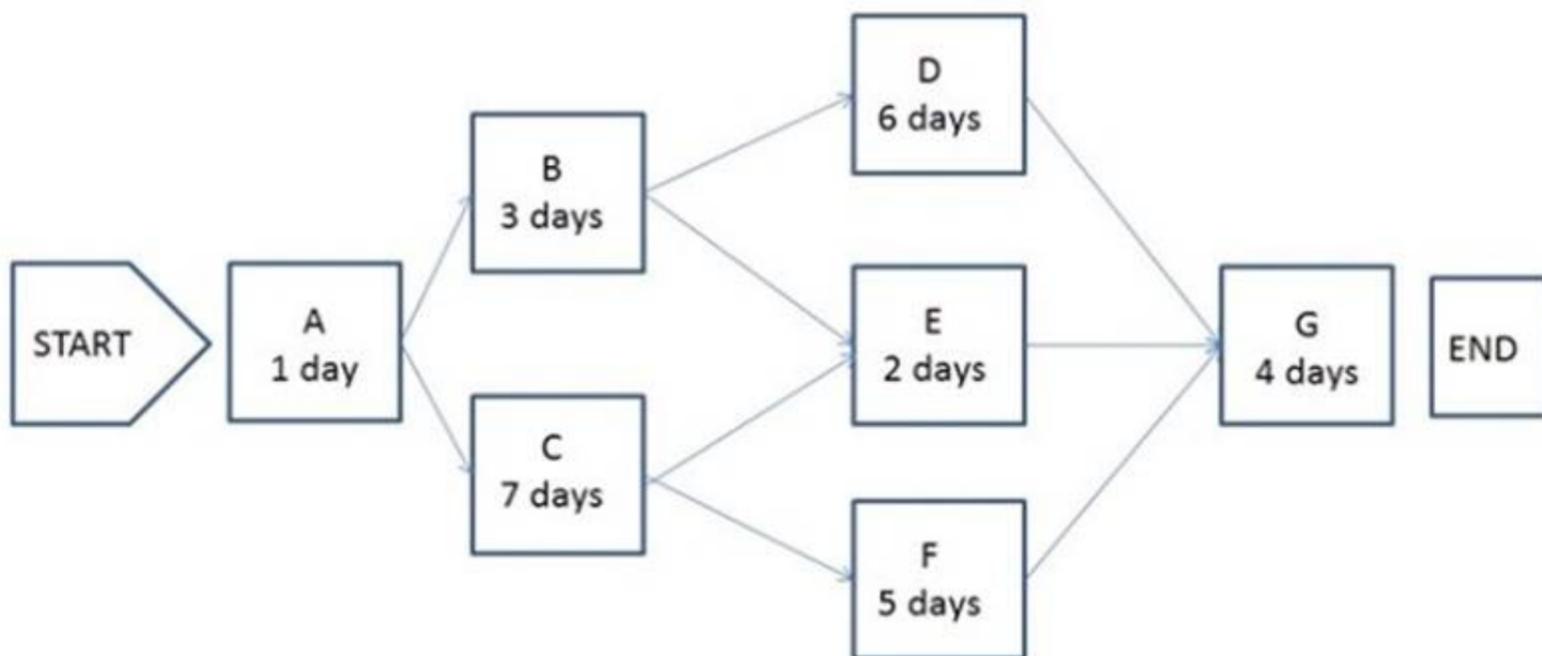
- A. Can be any number
- B. Zero or positive
- C. Zero or negative
- D. Depends on the calendar

**Answer: C**

**NEW QUESTION 416**

- (Topic 2)

The following is a network diagram for a project.



The shortest non-critical path for the project is how many days in duration?

- A. 10
- B. 12
- C. 14
- D. 16

**Answer: A**

**NEW QUESTION 421**

- (Topic 2)

Create WBS is part of which of the following Knowledge Areas?

- A. Project Integration Management
- B. Project Scope Management
- C. Project Time Management
- D. Project Cost Management

**Answer: B**

#### NEW QUESTION 426

- (Topic 2)

A full-time project manager with low to moderate authority and part-time administrative staff is working in an organizational structure with which type of matrix?

- A. Strong
- B. Weak
- C. Managed
- D. Balanced

**Answer: D**

#### NEW QUESTION 427

- (Topic 2)

A tool and technique used during the Create WBS process is:

- A. decomposition
- B. expert judgment
- C. inspection
- D. variance analysis

**Answer: A**

#### NEW QUESTION 431

- (Topic 2)

Who, along with the project manager, is supposed to direct the performance of the planned project activities and manage the various technical and organizational interfaces that exist within the project?

- A. The customer and functional managers
- B. The risk owners and stakeholders
- C. The sponsors and stakeholders
- D. The project management team

**Answer: D**

#### NEW QUESTION 435

- (Topic 2)

Portfolio Management is management of:

- A. a project by dividing the project into more manageable sub-projects.
- B. a project by utilizing a portfolio of general management skills such as planning, organizing, staffing, executing, and controlling.
- C. all projects undertaken by a company.
- D. a collection of projects that are grouped together to facilitate effective management and meet strategic business objectives.

**Answer: D**

#### NEW QUESTION 440

- (Topic 2)

Funding limit reconciliation is a tool and technique of which Project Cost Management process?

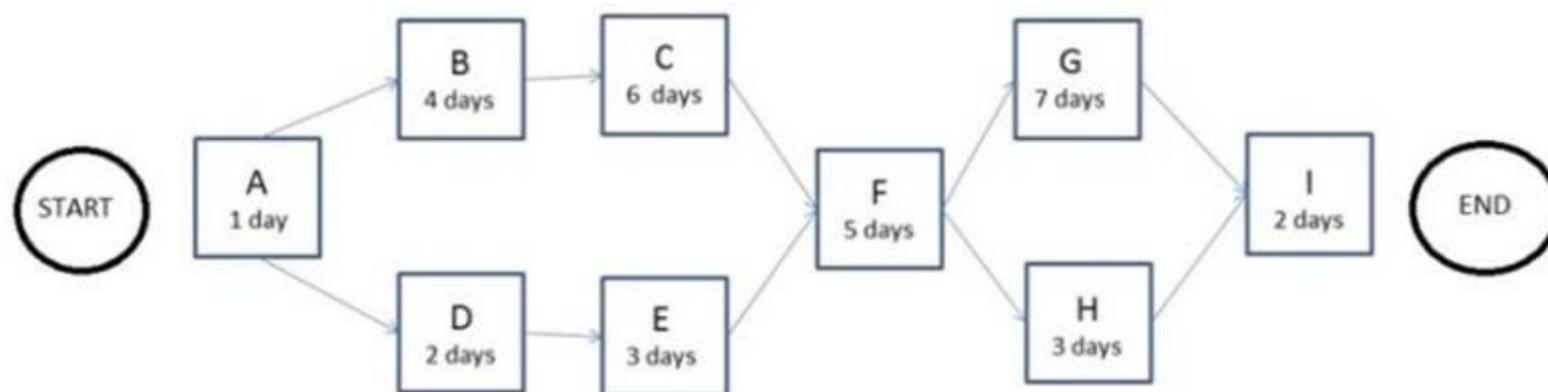
- A. Estimate Costs
- B. Control Costs
- C. Plan Cost Management
- D. Determine Budget

**Answer: D**

#### NEW QUESTION 445

- (Topic 2)

The following is a network diagram for a project.



How many possible paths are identified for this project?

- A. 3
- B. 4
- C. 6
- D. 7

**Answer: B**

**NEW QUESTION 448**

- (Topic 2)

Outputs of the Control Communications process include:

- A. expert judgment and change requests.
- B. work performance information and change requests.
- C. organizational process asset updates and an issue log.
- D. project management plan updates and an issue log.

**Answer: B**

**NEW QUESTION 453**

- (Topic 2)

Organizations manage portfolios based on which of the following types of plans?

- A. Strategic
- B. Project
- C. Program
- D. Operational

**Answer: A**

**NEW QUESTION 454**

- (Topic 2)

Which stakeholder classification model groups stakeholders based on their level of authority and their active involvement in the project?

- A. Power/influence grid
- B. Power/interest grid
- C. Influence/impact grid
- D. Saliency model

**Answer: A**

**NEW QUESTION 459**

- (Topic 2)

Changes to formally controlled documentation, plans, etc. to reflect modified or additional ideas or content are known as:

- A. updates.
- B. defect repairs.
- C. preventive actions.
- D. corrective actions.

**Answer: A**

**NEW QUESTION 464**

- (Topic 2)

What is the function of a Project Management Office (PMO)?

- A. To focus on the coordinated planning, prioritization, and execution of projects and subprojects that are tied to the parent organizations or the client's overall business objectives.
- B. To coordinate and manage the procurement of projects relevant to the parent organization's business objectives and to administer the project charters accordingly.
- C. To administer performance reviews for the project manager and the project team members and to handle any personnel and payroll issues.
- D. To focus on the specified project objectives and to manage the scope, schedule, cost, and quality of the work packages.

**Answer: A**

**NEW QUESTION 465**

- (Topic 2)

In an organization with a projectized organizational structure, who controls the project budget?

- A. Functional manager
- B. Project manager
- C. Program manager
- D. Project management office

**Answer: B**

**NEW QUESTION 467**

- (Topic 2)

Which of the following is a tool and technique for activity duration estimating?

- A. Parametric estimating
- B. Monte Carlo analysis
- C. Top-down estimating
- D. Bottom-up estimating

**Answer: A**

**NEW QUESTION 472**

- (Topic 2)

The process of identifying the stakeholders' information needs is completed during:

- A. Plan Communications.
- B. Manage Stakeholder Expectations.
- C. Stakeholder Analysis.
- D. Identify Stakeholders.

**Answer: A**

**NEW QUESTION 474**

- (Topic 2)

Which is an input to the Verify Scope process?

- A. Performance report
- B. Work breakdown structure (WBS)
- C. Requested changes
- D. Project management plan

**Answer: D**

**NEW QUESTION 475**

- (Topic 3)

An output of the Manage Project Team process is:

- A. project management plan updates
- B. project staff assignments updates
- C. team performance assessments
- D. resource calendar updates

**Answer: A**

**NEW QUESTION 479**

- (Topic 3)

The process of developing a detailed description of the project and product is known as:

- A. Create WBS.
- B. Verify Scope.
- C. Collect Requirements.
- D. Define Scope.

**Answer: D**

**NEW QUESTION 481**

- (Topic 3)

Which of following could be organizational process assets?

- A. Historical information
- B. Industry standards
- C. Organization infrastructure
- D. Marketplace conditions

**Answer:**

A

**NEW QUESTION 485**

- (Topic 3)

Which of the following processes are within the Initiating Process Group?

- A. Develop Project Management Plan and Identify Stakeholders
- B. Develop Project Management Plan and Plan Communications
- C. Develop Project Charter and Identify Stakeholders
- D. Develop Project Charter and Develop Project Scope Statement

**Answer: C**

**NEW QUESTION 488**

- (Topic 3)

A risk may be graded into different priorities by which process?

- A. Risk monitoring and controlling
- B. Risk response planning
- C. Qualitative risk analysis
- D. Quantitative risk analysis

**Answer: C**

**NEW QUESTION 491**

- (Topic 3)

What is one of the MAJOR outputs of activity sequencing?

- A. Responsibility assignment matrix
- B. Work breakdown structure update
- C. Project network diagram
- D. Mandatory dependencies list

**Answer: C**

**NEW QUESTION 492**

- (Topic 3)

The precedence diagramming method (PDM) is also known as:

- A. Arrow Diagram.
- B. Critical Path Methodology (CPM).
- C. Activity-On-Node (AON).
- D. schedule network diagram.

**Answer: C**

**NEW QUESTION 495**

- (Topic 3)

The Project Human Resource Management process that involves confirming human resource availability and obtaining the team necessary to complete project activities is:

- A. Acquire Project Team.
- B. Plan Human Resource Management.
- C. Manage Project Team.
- D. Develop Project Team.

**Answer: A**

**NEW QUESTION 497**

- (Topic 3)

Quality and credibility of the qualitative risk analysis process requires that different levels of the risk's probabilities and impacts be defined is the definition of what?

- A. Risk breakdown structure (RBS)
- B. Risk probability and impact
- C. Qualitative risk analysis
- D. Risk response planning

**Answer: B**

**NEW QUESTION 500**

- (Topic 3)

What scope definition technique is used to generate different approaches to execute and perform the work of the project?

- A. Build v
- B. buy
- C. Expert judgment

- D. Alternatives identification
- E. Product analysis

**Answer: C**

#### NEW QUESTION 505

- (Topic 3)

Projects can intersect with an organization's operations at various points during the product life cycle such as:

- A. When there is an operations shutdown (i. B. a strike).
- C. When developing new products, upgrading products, or expanding outputs.
- D. When a project transitions from a temporary to a permanent status.
- E. When the project manager is promoted to operations manager.

**Answer: B**

#### NEW QUESTION 508

- (Topic 3)

What is the estimate at completion (EAC) if the budget at completion (BAC) is \$100, the actual cost (AC) is \$50, and the earned value (EV) is \$25?

- A. \$50
- B. \$100
- C. \$125
- D. \$200

**Answer: D**

#### Explanation:

$EAC = BAC / CPI$  and  $CPI = EV / AC$   $CPI = EV / AC = 25 / 50 = 0.5$

$EAC = BAC / CPI = 100 / 0.5 = \$200$

#### NEW QUESTION 510

- (Topic 3)

The project manager for XYZ stationers is sequencing the activities for the project to set up a new office. It is known from knowledge of best practices that it is better to wait for the painters to finish painting the walls before the new floors are installed. This is an example of which of the following types of dependency?

- A. Precedence
- B. Discretionary
- C. External
- D. Mandatory

**Answer: B**

#### NEW QUESTION 515

- (Topic 3)

Which changes occur in risk and uncertainty as well as the cost of changes as the life cycle of a typical project progresses?

- A. Risk and uncertainty increase; the cost of changes increases.
- B. Risk and uncertainty increase; the cost of changes decreases.
- C. Risk and uncertainty decrease; the cost of changes increases.
- D. Risk and uncertainty decrease; the cost of changes decreases.

**Answer: C**

#### NEW QUESTION 517

- (Topic 3)

What is a deliverable-oriented, hierarchical decomposition of the work to be executed to accomplish the project objectives and create the required deliverables?

- A. Organizational breakdown structure (OBS)
- B. Work performance information
- C. Work package
- D. Work breakdown structure (WBS)

**Answer: D**

#### NEW QUESTION 521

- (Topic 3)

Which of the following is a component of three-point estimates?

- A. Probabilistic
- B. Most likely
- C. Expected
- D. Anticipated

**Answer: B**

**NEW QUESTION 523**

- (Topic 3)

Which item is an output of Plan Quality Management and an input to Perform Quality Assurance?

- A. Organizational process updates
- B. Quality metrics
- C. Change requests
- D. Quality control measurements

**Answer: B**

**NEW QUESTION 527**

- (Topic 3)

The PV is \$1000, EV is \$2000, and AC is \$1500. What is CPI?

- A. 1.33
- B. 2
- C. 0.75
- D. 0.5

**Answer: A**

**NEW QUESTION 532**

- (Topic 3)

A process is defined as:

- A. A set of interrelated actions and activities performed to achieve a certain objective.
- B. A set of guidelines that explains how to carry out a particular task.
- C. The inputs for a task and the tools and techniques required to carry out the task.
- D. A collection of logically related project activities, usually culminating in the completion of a major deliverable.

**Answer: A**

**NEW QUESTION 537**

- (Topic 3)

Which type of management focuses on ensuring that projects and programs are reviewed to prioritize resource allocation?

- A. Project
- B. Functional
- C. Program
- D. Portfolio

**Answer: D**

**NEW QUESTION 540**

- (Topic 3)

Impacts to other organizational areas, levels of service, and acceptance criteria are typical components of which document?

- A. Business case
- B. Work breakdown structure
- C. Requirements documentation
- D. Risk register

**Answer: C**

**NEW QUESTION 541**

- (Topic 3)

What are the formal and informal policies, procedures, and guidelines that could impact how the project's scope is managed?

- A. Organizational process assets
- B. Enterprise environmental factors
- C. Project management processes
- D. Project scope management plan

**Answer: A**

**NEW QUESTION 544**

- (Topic 3)

Organizational process assets can be divided into which of the following two categories?

- A. Project files and corporate knowledge base
- B. Templates, and processes and procedures
- C. Standards, and processes and procedures
- D. Corporate knowledge base and processes and procedures

**Answer:** D

**NEW QUESTION 546**

- (Topic 3)

Tools and techniques used in Direct and Manage Project Work include:

- A. Process analysis and expert judgment
- B. Analytical techniques and a project management information system
- C. Performance reviews and meetings
- D. Expert judgment and meetings

**Answer:** D

**NEW QUESTION 547**

- (Topic 3)

How is scheduled variance calculated using the earned value technique?

- A. EV less AC
- B. AC less PV
- C. EV less PV
- D. AC less EV

**Answer:** C

**NEW QUESTION 548**

- (Topic 3)

Which technique is used in Perform Quantitative Risk Analysis?

- A. Sensitivity analysis
- B. Probability and impact matrix
- C. Risk data quality assessment
- D. Risk categorization

**Answer:** A

**NEW QUESTION 550**

- (Topic 3)

To which process is work performance information an input?

- A. Administer Procurements
- B. Direct and Manage Project Execution
- C. Create WBS
- D. Perform Qualitative Risk Analysis

**Answer:** C

**NEW QUESTION 555**

- (Topic 3)

Which Process Group contains the processes performed to complete the work defined in the project management plan to satisfy the project specifications?

- A. Initiating
- B. Planning
- C. Executing
- D. Closing

**Answer:** C

**NEW QUESTION 560**

- (Topic 3)

A purchase order for a specified item to be delivered by a specified date for a specified price is the simplest form of what type of contract?

- A. Cost-reimbursable
- B. Time and material
- C. Fixed price or lump-sum
- D. Cost-plus-fixed-fee

**Answer:** C

**NEW QUESTION 562**

- (Topic 3)

What is a tool to improve team performance?

- A. Staffing plan
- B. External feedback
- C. Performance reports

D. Co-location

**Answer: D**

**NEW QUESTION 567**

- (Topic 3)

What does a CPI value greater than 1.0 indicate?

- A. Cost right at the estimated value
- B. Cost under the estimated value
- C. Cost right at the actual value
- D. Cost over the estimated value

**Answer: B**

**NEW QUESTION 571**

- (Topic 3)

A car company authorized a project to build more fuel-efficient cars in response to gasoline shortages. With which of the following strategic considerations was this project mainly concerned?

- A. Market demand
- B. Legal requirements
- C. Strategic Opportunity
- D. Technological advance

**Answer: A**

**NEW QUESTION 572**

- (Topic 3)

Which type of estimating is used to improve the accuracy of an activity's duration?

- A. Analogous
- B. Parametric
- C. Three-point
- D. What-if scenario analysis

**Answer: C**

**NEW QUESTION 575**

- (Topic 3)

The Project Management Process Group in which performance is observed and measured regularly from project initiation through completion is:

- A. Executing.
- B. Initiating,
- C. Monitoring and Controlling.
- D. Planning.

**Answer: C**

**NEW QUESTION 580**

- (Topic 3)

Based on the following metrics: EV=\$20,000, AC=\$22,000, and PV=\$28,000, what is the project CV?

- A. -8000
- B. -2000
- C. 2000
- D. 8000

**Answer: B**

**NEW QUESTION 585**

- (Topic 3)

Which of the following is a schematic display of the project's schedule activities and the logical relationships among them?

- A. Gantt chart
- B. Project schedule network diagram
- C. Project milestone list
- D. Activity list

**Answer: B**

**NEW QUESTION 588**

- (Topic 3)

In which domain of project management would a Pareto chart provide useful information?

- A. Project Scope Management
- B. Project Time Management
- C. Project Communications Management
- D. Project Quality Management

**Answer:** D

**NEW QUESTION 591**

- (Topic 3)

An input to Conduct Procurements is:

- A. Independent estimates.
- B. Selected sellers.
- C. Seller proposals.
- D. Resource calendars.

**Answer:** C

**NEW QUESTION 595**

- (Topic 3)

What are assigned risk ratings based upon?

- A. Root cause analysis
- B. Assessed probability and impact
- C. Expert judgment
- D. Risk Identification

**Answer:** B

**NEW QUESTION 599**

- (Topic 3)

Activities on the critical path have which type of float?

- A. Zero free float
- B. Zero or negative float
- C. Negative and positive float
- D. Zero or positive float

**Answer:** B

**NEW QUESTION 603**

- (Topic 3)

How many Project Management Process Groups are there?

- A. 3
- B. 4
- C. 5
- D. 6

**Answer:** C

**NEW QUESTION 607**

- (Topic 3)

To please the customer, a project team member delivers a requirement which is uncontrolled. This is not part of the plan. This describes:

- A. scope creep.
- B. a change request.
- C. work performance information.
- D. deliverables.

**Answer:** A

**NEW QUESTION 608**

- (Topic 3)

Which type of project management office (PMO) supplies templates, best practices, and training to project teams?

- A. Supportive
- B. Directive
- C. Controlling
- D. Instructive

**Answer:** A

**NEW QUESTION 612**

- (Topic 3)

Which of the following statements is true regarding project and product lifecycles?

- A. A single product lifecycle may consist of multiple project lifecycles.
- B. A product lifecycle is always shorter than the project lifecycle.
- C. A single product lifecycle can only have one project lifecycle.
- D. A single project lifecycle may consist of multiple product lifecycles.

**Answer:** A

**NEW QUESTION 617**

- (Topic 3)

An output of the Create WBS process is:

- A. Scope baseline.
- B. Change requests.
- C. Accepted deliverables.
- D. Variance analysis.

**Answer:** A

**NEW QUESTION 622**

- (Topic 3)

The process of obtaining seller responses, selecting a seller, and awarding a contract is called:

- A. Close Procurements.
- B. Control Procurements.
- C. Plan Procurements.
- D. Conduct Procurements.

**Answer:** D

**NEW QUESTION 627**

- (Topic 3)

A project manager who communicates to the project team through email is using which type of communication?

- A. Formal
- B. Informal
- C. Horizontal
- D. Unofficial

**Answer:** B

**NEW QUESTION 632**

- (Topic 3)

A project manager managing a cross-cultural virtual project team across several time zones should be concerned about the impacts of which communication technology factor?

- A. Urgent information need
- B. Sensitivity of information
- C. Project environment
- D. Ease of use

**Answer:** C

**NEW QUESTION 636**

- (Topic 3)

Processes in the Planning Process Group are typically carried out during which part of the project life cycle?

- A. Only once, at the beginning
- B. At the beginning and the end
- C. Once during each phase
- D. Repeatedly

**Answer:** D

**NEW QUESTION 637**

- (Topic 3)

Which of the following are inputs into the Administer Procurements process?

- A. Payment systems, organizational process assets update, and claims administration
- B. Inspections and audits, contract change control system, and project management plan updates
- C. Procurement documents, performance reports, and approved change requests
- D. Project documents, seller proposals, and payment systems

**Answer:** C

**NEW QUESTION 640**

- (Topic 3)

Which tool or technique is effective in a project in which the deliverable is not a service or result?

- A. Inspection
- B. Variance analysis
- C. Decomposition
- D. Product analysis

**Answer: D**

**NEW QUESTION 644**

- (Topic 3)

Project management processes are:

- A. Static; they must not change across different projects.
- B. Applied globally and across all industry groups.
- C. Discrete elements with well-defined interfaces.
- D. Project phases, applied as required in different projects.

**Answer: B**

**NEW QUESTION 646**

- (Topic 3)

Fast tracking is a schedule compression technique used to shorten the project schedule without changing project scope. Which of the following can result from fast tracking?

- A. The risk of achieving the shortened project time is increased.
- B. The critical path will have positive total float.
- C. Contingency reserves are released for redeployment by the project manager.
- D. Duration buffers are added to maintain a focus on planned activity durations.

**Answer: A**

**NEW QUESTION 648**

- (Topic 3)

Which of the following factors is lowest at the start of the project?

- A. Cost of changes
- B. Stakeholder influences
- C. Risk
- D. Uncertainty

**Answer: A**

**NEW QUESTION 650**

- (Topic 3)

Which tool or technique measures performance of the project as it moves from project initiation through project closure?

- A. Resource leveling
- B. Parametric measuring
- C. Pareto chart
- D. Earned value

**Answer: D**

**NEW QUESTION 652**

- (Topic 3)

Overlooking negative stakeholders can result in a/an:

- A. decreased likelihood of conflicting interests between stakeholders.
- B. decreased likelihood of the projects progress being impeded.
- C. increased likelihood of project failure.
- D. increased likelihood of project success.

**Answer: C**

**NEW QUESTION 657**

- (Topic 3)

What's budget?

- A. Monitoring & Controlling
- B. Executing
- C. Planning
- D. Initiating

**Answer:**

C

**NEW QUESTION 661**

- (Topic 3)

The Process Group in which the internal and external stakeholders interact and influence the overall outcome of the project is the:

- A. Monitoring and Controlling Process Group.
- B. Initiating Process Group.
- C. Planning Process Group.
- D. Executing Process Group.

**Answer: B**

**NEW QUESTION 662**

- (Topic 3)

What are the Project Procurement Management processes?

- A. Conduct Procurements, Control Procurements, Integrate Procurements, and Close Procurements
- B. Estimate Procurements, Integrate Procurements, Control Procurements, and Validate Procurements
- C. Plan Procurement Management, Conduct Procurements, Control Procurements, and Close Procurements
- D. Plan Procurement Management, Perform Procurements, Control Procurements, and Validate Procurements

**Answer: C**

**NEW QUESTION 663**

- (Topic 3)

Which of the following is an output of the Conduct Procurements process?

- A. Project statement of work
- B. Selected sellers
- C. Risk register updates
- D. Teaming agreements

**Answer: B**

**NEW QUESTION 665**

- (Topic 3)

Design of experiments (DOE) should be used during which of the following processes?

- A. Perform Quality Assurance
- B. Total Quality Management
- C. Perform Quality Control
- D. Plan Quality

**Answer: D**

**NEW QUESTION 669**

- (Topic 3)

Another name for an Ishikawa diagram is:

- A. cause and effect diagram.
- B. control chart.
- C. flowchart.
- D. histogram.

**Answer: A**

**NEW QUESTION 670**

- (Topic 3)

The Process Group that involves coordinating people and resources, as well as integrating and performing the activities of the project in accordance with the project management plan is known as:

- A. Initiating.
- B. Planning.
- C. Executing.
- D. Monitoring and Controlling.

**Answer: C**

**NEW QUESTION 673**

- (Topic 3)

In which phase of team building activities do team members begin to work together and adjust their work habits and behavior to support the team?

- A. Performing
- B. Storming
- C. Norming

D. Forming

**Answer: C**

**NEW QUESTION 678**

- (Topic 3)

Which of the following procurement processes results in the awarding of a procurement contract?

- A. Administer Procurements
- B. Close Procurements
- C. Conduct Procurements
- D. Plan Procurements

**Answer: C**

**NEW QUESTION 679**

- (Topic 3)

Which risk response strategy is common for both positive and negative risks?

- A. Share
- B. Accept
- C. Mitigate
- D. Transfer

**Answer: B**

**NEW QUESTION 683**

- (Topic 3)

Which of the following is a means of reaching a group decision in which everyone agrees on a single course of action?

- A. Dictatorship
- B. Majority
- C. Plurality
- D. Unanimity

**Answer: D**

**NEW QUESTION 686**

- (Topic 3)

A method to manage stakeholder expectations in the scope statement is to clearly:

- A. state the guiding principles of the organization.
- B. identify alternatives to generate different approaches.
- C. state what is out of scope.
- D. outline the results of the Delphi technique.

**Answer: C**

**NEW QUESTION 688**

- (Topic 3)

Which tools or techniques will a project manager use for Develop Project Team?

- A. Negotiation
- B. Roles and responsibilities
- C. Recognition and rewards
- D. Prizing and promoting

**Answer: C**

**NEW QUESTION 692**

- (Topic 3)

Which activity involves ensuring that the composition of a projects configuration items is correct?

- A. Configuration Identification
- B. Configuration Status Accounting
- C. Configuration Verification and Audit
- D. Configuration Quality Assurance

**Answer: C**

**NEW QUESTION 693**

- (Topic 3)

Inputs to the Define Activities process include:

- A. Project scope statement, resource calendars, and work performance information.

- B. Scope baseline, enterprise environmental factors, and organizational process assets.
- C. Project scope statement, approved change requests, and WBS dictionary.
- D. Scope baseline, enterprise environmental factors, and activity duration estimates.

**Answer:** B

**NEW QUESTION 694**

- (Topic 3)

The three types of estimates that PERT uses to define an approximate range for an activity's cost are:

- A. Parametric, most likely, and analogous.
- B. Least likely, analogous, and realistic.
- C. Parametric, optimistic, and pessimistic.
- D. Most likely, optimistic, and pessimistic.

**Answer:** D

**NEW QUESTION 695**

- (Topic 3)

The run chart created during the Perform Quality Control process on a project is used to show the:

- A. relationship between two variables
- B. data points plotted in the order in which they occur
- C. most common cause of problems in a process
- D. frequency of occurrence

**Answer:** B

**NEW QUESTION 697**

- (Topic 3)

Which type of team can be defined as a group of people with a shared goal who fulfill their roles although spending little or no time meeting face to face?

- A. Co-location team
- B. Virtual team
- C. Departmental team
- D. Consultant team

**Answer:** B

**NEW QUESTION 699**

- (Topic 3)

Which cost estimate technique includes contingencies to account for cost uncertainty?

- A. Vendor bid analysis
- B. Three-point estimates
- C. Parametric estimating
- D. Reserve analysis

**Answer:** D

**NEW QUESTION 704**

- (Topic 3)

Your project has an EV of 100 work-days, an AC of 120 work-days, and a PV of 80 work days. What should be your concern?

- A. There is a cost under run.
- B. There is a cost overrun.
- C. May not meet deadline.
- D. The project is 20 days behind schedule.

**Answer:** B

**NEW QUESTION 707**

- (Topic 3)

Which of the following Project Communication Management processes uses performance reports as an input?

- A. Manage Stakeholder Expectations
- B. Report Performance
- C. Distribute Information
- D. Plan Communications

**Answer:** C

**NEW QUESTION 711**

- (Topic 3)

Which of the following is an output from Control Scope?

- A. Change requests
- B. Variance analysis
- C. Accepted deliverables
- D. Requirements documentation

**Answer:** A

**NEW QUESTION 712**

- (Topic 3)

Which grid shows which resources are tied to work packages?

- A. Work breakdown structure (WBS)
- B. Responsibility assignment matrix (RAM)
- C. Project assignment chart
- D. Personnel assignment matrix

**Answer:** B

**NEW QUESTION 715**

- (Topic 3)

Which of the following is an output of Direct and Manage Project Execution?

- A. Project management plan
- B. Change request status updates
- C. Organizational process assets updates
- D. Work performance information

**Answer:** D

**NEW QUESTION 718**

- (Topic 3)

Which stakeholder communicates with higher levels of management to gather organizational support and promote project benefits?

- A. Portfolio manager
- B. Project sponsor
- C. Project manager
- D. Project management office

**Answer:** B

**NEW QUESTION 722**

- (Topic 3)

An intentional activity to modify a nonconforming product or product component is called:

- A. defect repair
- B. work repair
- C. corrective action
- D. preventive action

**Answer:** A

**NEW QUESTION 726**

- (Topic 3)

Activity Duration	Days	Predecessor
A	5	
B	2	
C	4	A
D	2	B,C
E	5	D

Which of the following is the correct network diagram for the table?

- A. Begin-A-C-D-E-End-B-D
- B. Begin-A-B-C-D-E-End

- C. Begin-A-B-D-E-End A-C-D
- D. Begin-A-C-D-E-End-B-C

**Answer:** A

**NEW QUESTION 730**

- (Topic 3)

Which input provides suppliers with a clear set of goals, requirements, and outcomes?

- A. Procurement statement of work
- B. Purchase order
- C. Source selection criteria
- D. Bidder conference

**Answer:** A

**NEW QUESTION 734**

- (Topic 3)

The Plan Procurements process includes documenting project purchasing decisions and what other steps?

- A. Specifying the approach and identifying potential sellers
- B. Specifying the approach and selecting a seller
- C. Identifying potential sellers and obtaining seller responses
- D. Specifying the approach and managing procurement relationships

**Answer:** A

**NEW QUESTION 739**

- (Topic 3)

Which quality tool incorporates the upper and lower specification limits allowed within an agreement?

- A. Control chart
- B. Flowchart
- C. Checksheet
- D. Pareto diagram

**Answer:** A

**NEW QUESTION 742**

- (Topic 3)

Managing procurement relationships and monitoring contract performance are part of which process?

- A. Conduct Procurements
- B. Plan Procurements
- C. Administer Procurements
- D. Close Procurements

**Answer:** C

**NEW QUESTION 743**

- (Topic 3)

Which of the following can be used as an input for Define Scope?

- A. Product analysis
- B. Project charter
- C. Scope baseline
- D. Project scope statement

**Answer:** B

**NEW QUESTION 747**

- (Topic 3)

The iterative process of increasing the level of detail in a project management plan as greater amounts of information become available is known as:

- A. Continuous improvement.
- B. Predictive planning.
- C. Progressive elaboration.
- D. Quality assurance.

**Answer:** C

**NEW QUESTION 752**

- (Topic 3)

When managing a project team, what helps to reduce the amount of conflict?

- A. Clear role definition
- B. Negotiation
- C. Risk response planning
- D. Team member replacement

**Answer:** A

**NEW QUESTION 757**

- (Topic 3)

Which tool or technique is used to develop the human resource management plan?

- A. Ground rules
- B. Expert judgment
- C. Team-building activities
- D. Interpersonal skills

**Answer:** B

**NEW QUESTION 761**

- (Topic 3)

Approved change requests, approved corrective actions, and updates to organizational process assets are all outputs of which project management process?

- A. Risk response planning
- B. Manage stakeholders
- C. Scope definition
- D. Performance reporting

**Answer:** B

**NEW QUESTION 763**

- (Topic 4)

Which process involves aggregating the estimated costs of the individual schedule activities or work packages?

- A. Estimate Costs
- B. Estimate Activity Resources
- C. Control Costs
- D. Determine Budget

**Answer:** B

**NEW QUESTION 767**

- (Topic 4)

Which Control Quality tool is also known as an arrow diagram?

- A. Matrix diagram
- B. Affinity diagram
- C. Tree diagram
- D. Activity network diagram

**Answer:** D

**NEW QUESTION 769**

- (Topic 4)

An output of Control Schedule is:

- A. A project schedule network diagram
- B. A schedule management plan
- C. Schedule data
- D. Schedule forecasts

**Answer:** D

**NEW QUESTION 772**

- (Topic 4)

Whose approval may be required for change requests after change control board (CCB) approval?

- A. Functional managers
- B. Business partners
- C. Customers or sponsors
- D. Subject matter experts

**Answer:** C

**NEW QUESTION 774**

- (Topic 4)

Which tool or technique is used in the Estimate Costs process?

- A. Acquisition
- B. Earned value management
- C. Vendor bid analysis
- D. Forecasting

**Answer: C**

**NEW QUESTION 776**

- (Topic 4)

In Project Cost Management, which input is exclusive to the Determine Budget process?

- A. Scope baseline
- B. Organizational process assets
- C. Project schedule
- D. Resource calendars

**Answer: D**

**NEW QUESTION 777**

- (Topic 4)

When cost variance is negative and schedule variance is positive, the project is:

- A. under budget and behind schedule.
- B. over budget and ahead of schedule.
- C. on schedule.
- D. complete; all planned values have been earned.

**Answer: B**

**NEW QUESTION 778**

- (Topic 4)

How is the schedule variance calculated using the earned value technique?

- A. EV less AC
- B. AC less PV
- C. EV less PV
- D. AC less EV

**Answer: C**

**NEW QUESTION 783**

- (Topic 4)

An input to the Control Quality process is:

- A. Activity attributes
- B. Quality control measurements
- C. Enterprise environmental factors
- D. Deliverables

**Answer: D**

**NEW QUESTION 785**

- (Topic 4)

What cost control technique is used to compare actual project performance to planned or expected performance?

- A. Cost aggregation
- B. Trend analysis
- C. Forecasting
- D. Variance analysis

**Answer: D**

**NEW QUESTION 787**

- (Topic 4)

The iterative and interactive nature of the Process Groups creates the need for the processes in which Knowledge Area?

- A. Project Communications Management
- B. Project Integration Management
- C. Project Risk Management
- D. Project Scope Management

**Answer: B**

**NEW QUESTION 789**

- (Topic 4)

Which change request is an intentional activity that realigns the performance of the project work with the project management plan?

- A. Update
- B. Preventive action
- C. Defect repair
- D. Corrective action

**Answer: D**

**NEW QUESTION 792**

- (Topic 4)

Which technique is utilized in the Control Schedule process?

- A. Performance measure
- B. Baseline schedule
- C. Schedule network analysis
- D. Variance analysis

**Answer: D**

**NEW QUESTION 797**

- (Topic 4)

Which of the following outputs from the Schedule Control process aids in the communication of SV, SPI or any performance status to stakeholders?

- A. Performance organizations
- B. Schedule baselines
- C. Performance measurements
- D. Change requests

**Answer: C**

**NEW QUESTION 802**

- (Topic 4)

What are the key components of the communication model?

- A. Encode, message and feedback-message, medium, noise, and decode
- B. Encode, messaging technology, medium, noise, and decode
- C. Sender, message and feedback-message, medium, noise, and translate
- D. Receiver, message and feedback-message, medium, noise, and decode

**Answer: A**

**NEW QUESTION 805**

- (Topic 4)

One of the fundamental tenets of modern quality management states that quality is:

- A. planned, designed, and built in.
- B. planned, designed, and inspected in.
- C. built in, created, and reviewed.
- D. built in, created, and standardized.

**Answer: A**

**NEW QUESTION 808**

- (Topic 4)

Analyzing the strengths, weaknesses, opportunities, and threats (SWOT) of a project is known as:

- A. calculating cost of quality
- B. comparing project benefits
- C. performing measurements analysis
- D. identifying risks

**Answer: D**

**NEW QUESTION 812**

- (Topic 4)

A given schedule activity is most likely to last four weeks. In a best-case scenario, the schedule activity is estimated to last two weeks. In a worst-case scenario, the schedule activity is estimated to last 12 weeks. Given these three estimates, what is the expected duration of the activity?

- A. Three weeks
- B. Four weeks
- C. Five weeks
- D. Six weeks

**Answer: C**

**NEW QUESTION 815**

- (Topic 4)

Market conditions and published commercial information are examples of which input to the Estimate Costs process?

- A. Scope baseline
- B. Organizational process assets
- C. Enterprise environmental factors
- D. Risk register

**Answer: C**

**NEW QUESTION 818**

- (Topic 4)

A risk response strategy in which the project team shifts the impact of a threat, together with ownership of the response, to a third party is called:

- A. mitigate
- B. accept
- C. transfer
- D. avoid

**Answer: C**

**NEW QUESTION 822**

- (Topic 4)

On what is project baseline development established?

- A. Approved product requirements
- B. Estimated project cost and schedule
- C. Actual project cost and schedule
- D. Revised project cost and schedule

**Answer: B**

**NEW QUESTION 827**

- (Topic 4)

Which of the following is a tool and technique used to monitor risk?

- A. Technical performance measurement
- B. Cost performance baseline
- C. Benchmarking
- D. Cost of quality

**Answer: A**

**NEW QUESTION 831**

- (Topic 4)

The cost baseline and project funding requirements are outputs of which process in Project Cost Management?

- A. Estimate Costs
- B. Control Costs
- C. Plan Cost Management
- D. Determine Budget

**Answer: D**

**NEW QUESTION 835**

- (Topic 4)

The contract in which the seller is reimbursed for all allowable costs for performing the contract work and then receives a fee based upon achieving certain performance objectives is called a:

- A. Cost Plus Incentive Fee Contract (CPIF).
- B. Cost Plus Fixed Fee Contract (CPFF).
- C. Fixed Price Incentive Fee Contract (FPIF).
- D. Time and Material Contract (T&M).

**Answer: A**

**NEW QUESTION 837**

- (Topic 4)

An effective technique for resolving conflict that incorporates multiple viewpoints from differing perspectives to achieve consensus and commitment is:

- A. smooth/accommodate.
- B. force/direct,
- C. collaborate/problem solve,
- D. compromise/reconcile.

**Answer:**

C

**NEW QUESTION 842**

- (Topic 4)

The Administer Procurements process is in which of the following Project Management Process Groups?

- A. Planning
- B. Monitoring and Controlling
- C. Initiating
- D. Executing

**Answer: B**

**NEW QUESTION 846**

- (Topic 4)

The process of monitoring the status of the project and product scope as well as managing the changes to the scope baseline is known as:

- A. Validate Scope.
- B. Plan Scope Management.
- C. Control Scope.
- D. Define Scope.

**Answer: C**

**NEW QUESTION 848**

- (Topic 4)

Which quality control technique illustrates the 80/20 principle?

- A. Ishikawa diagram
- B. Control chart
- C. Run chart
- D. Pareto chart

**Answer: D**

**NEW QUESTION 850**

- (Topic 4)

What is the term assigned to products or services having the same functional use but different technical characteristics?

- A. Scope
- B. Quality
- C. Specification
- D. Grade

**Answer: D**

**NEW QUESTION 852**

- (Topic 4)

Which group is formally chartered and responsible for reviewing, evaluating, approving, delaying, or rejecting changes to the project and for recording and communicating decisions?

- A. Project team
- B. Focus group
- C. Change control board
- D. Project stakeholders

**Answer: C**

**NEW QUESTION 857**

- (Topic 4)

An output of the Validate Scope process is:

- A. A requirements traceability matrix.
- B. The scope management plan.
- C. Work performance reports.
- D. Change requests.

**Answer: D**

**NEW QUESTION 860**

- (Topic 4)

The total of the planned value (PV) is also known as:

- A. work breakdown structure (WBS).
- B. schedule target.
- C. performance measurement baseline (PMB).

D. earned value baseline.

**Answer: C**

**NEW QUESTION 862**

- (Topic 4)

Schedule milestones and a predefined budget are examples of:

- A. Project constraints.
- B. Requirements documentation.
- C. Organizational process assets.
- D. Activity cost estimates.

**Answer: A**

**NEW QUESTION 866**

- (Topic 4)

What happens to a stakeholder's project influence over time?

- A. Increases
- B. Decreases
- C. Stays the same.
- D. Has no bearing.

**Answer: B**

**NEW QUESTION 870**

- (Topic 4)

What is the critical chain method?

- A. A technique to calculate the theoretical early start and finish dates and late start and finish dates
- B. A schedule network analysis technique that modifies the project schedule to account for limited resources
- C. A schedule compression technique that analyzes cost and schedule trade-offs to determine how to obtain the greatest amount of compression for the least incremental cost
- D. A technique to estimate project duration when there is a limited amount of detailed information about the project

**Answer: B**

**NEW QUESTION 872**

- (Topic 4)

Which process occurs within the Monitoring and Controlling Process Group?

- A. Cost Control
- B. Quality Planning
- C. Quantitative Risk Analysis
- D. Cost Budgeting

**Answer: A**

**NEW QUESTION 873**

- (Topic 4)

Which schedule development technique modifies the project schedule to account for limited resources?

- A. Human resource planning
- B. Fast tracking
- C. Critical chain method
- D. Rolling wave planning

**Answer: C**

**NEW QUESTION 874**

- (Topic 4)

Which key interpersonal skill of a project manager is defined as the strategy of sharing power and relying on interpersonal skills to convince others to cooperate toward common goals?

- A. Collaboration
- B. Negotiation
- C. Decision making
- D. Influencing

**Answer: D**

**NEW QUESTION 877**

- (Topic 4)

What is the difference between the critical path and the critical chain?

- A. Scope changes
- B. Resource limitations
- C. Risk analysis
- D. Quality audits

**Answer: B**

**NEW QUESTION 878**

- (Topic 4)

The purpose of inspection in Perform Quality Control is to keep errors:

- A. in line with a measured degree of conformity.
- B. out of the hands of the customer.
- C. in a specified range of acceptable results.
- D. out of the process.

**Answer: C**

**NEW QUESTION 880**

- (Topic 4)

Which type of dependency used in the Sequence Activities process is sometimes referred to as preferred logic, preferential logic, or soft logic?

- A. Internal
- B. External
- C. Discretionary
- D. Mandatory

**Answer: C**

**NEW QUESTION 882**

- (Topic 4)

Outputs of the Control Communications process include:

- A. expert judgment and change requests
- B. work performance information and change requests
- C. project management plan updates and work performance information
- D. issue logs and organizational process assets updates

**Answer: B**

**NEW QUESTION 886**

- (Topic 4)

As part of a mid-project evaluation, your project sponsor has asked you to provide a forecast of total project cost. You should calculate the forecast using which of the following methods?

- A. BAC
- B. EAC
- C. ETC
- D. WBS

**Answer: B**

**NEW QUESTION 890**

- (Topic 4)

An output of the Perform Integrated Change Control process is:

- A. Deliverables.
- B. Validated changes.
- C. The change log.
- D. The requirements traceability matrix.

**Answer: C**

**NEW QUESTION 891**

- (Topic 4)

Which type of contract gives both the seller and the buyer flexibility to deviate from performance with financial incentives?

- A. Cost Plus Incentive Fee (CPIF)
- B. Fixed Price Incentive Fee (FPIF)
- C. Cost Plus Award Re (CPAF)
- D. Time and Material (T&M)

**Answer: B**

**NEW QUESTION 895**

- (Topic 4)

Which Develop Schedule tool and technique produces a theoretical early start date and late start date?

- A. Critical path method
- B. Variance analysis
- C. Schedule compression
- D. Schedule comparison bar charts

**Answer: A**

**NEW QUESTION 900**

- (Topic 4)

Which of the following are outputs of the Monitor and Control Project Work process?

- A. Requested changes, forecasts, recommended corrective actions
- B. Forecasts, resources plan, bottom up estimating
- C. Recommended corrective actions, cost baseline, forecasts
- D. Requested changes, recommended corrective actions, project constraints

**Answer: A**

**NEW QUESTION 902**

- (Topic 4)

Under which type of contract does the seller receive reimbursement for all allowable costs for performing contract work, as well as a fixed-fee payment calculated as a percentage of the initial estimated project costs?

- A. Cost Plus Fixed Fee Contract (CPFF)
- B. Cost Plus Incentive Fee Contract (CPIF)
- C. Firm Fixed Price Contract (FFP)
- D. Fixed Price with Economic Price Adjustment Contract (FP-EPA)

**Answer: A**

**NEW QUESTION 903**

- (Topic 4)

Using parametric estimating, if an assigned resource is capable of producing 120 units per hour, how many hours are required to produce 12,000 units?

- A. 100
- B. 120
- C. 1,000
- D. 1,200

**Answer: A**

**NEW QUESTION 906**

- (Topic 4)

The chart below is an example of a:

ID	Requirements Description	Project Objectives	WBS Deliverables	Product Design	Product Development	Test Cases
001						
002						
003						

- A. Responsibility assignment matrix (RAM)
- B. Work breakdown structure (WBS)
- C. RACI chart
- D. Requirements traceability matrix

**Answer: D**

**NEW QUESTION 909**

- (Topic 4)

Plan Schedule Management is a process in which Knowledge Area?

- A. Project Scope Management
- B. Project Human Resource Management
- C. Project Integration Management
- D. Project Time Management

**Answer: D**

**NEW QUESTION 910**

- (Topic 4)

Which estimating technique uses the actual costs of previous similar projects as a basis for estimating the costs of the current project?

- A. Analogous
- B. Parametric
- C. Bottom-up
- D. Top-down

**Answer: A**

**NEW QUESTION 915**

- (Topic 4)

Plan-do-check-act is also known as:

- A. prevention over inspection.
- B. statistical sampling.
- C. management responsibility,
- D. continuous improvement.

**Answer: D**

**NEW QUESTION 916**

- (Topic 4)

Which earned value management (EVM) metric is a measure of the cost efficiency of budgeted resources expressed as a ratio of earned value (EV) to actual cost (AC) and is considered a critical EVM metric?

- A. Cost variance (CV)
- B. Cost performance index (CPI)
- C. Budget at completion (BAC)
- D. Variance at completion (VAC)

**Answer: B**

**NEW QUESTION 917**

- (Topic 4)

What is the primary benefit of meeting quality requirements?

- A. Quality metrics
- B. Less rework
- C. Quality control measurements
- D. Benchmarking

**Answer: B**

**NEW QUESTION 920**

- (Topic 4)

The approaches, tools, and data sources that will be used to perform risk management on a project are determined by the:

- A. Methodology
- B. Risk category
- C. Risk attitude
- D. Assumption analysis

**Answer: A**

**NEW QUESTION 922**

- (Topic 4)

Which of the Project Time Management processes analyzes activity sequencing, durations, resource requirements, and schedule constraints?

- A. Estimate Activity Durations
- B. ControlSchedule
- C. Sequence Activities
- D. Develop Schedule

**Answer: D**

**NEW QUESTION 924**

- (Topic 4)

Which of the following are the components of the scope baseline?

- A. Project charter, project scope statement, and work breakdown structure (WBS)
- B. Project charter, project management plan, and plan procurement
- C. Project scope statement, work breakdown structure (WBS), and WBS dictionary
- D. Project management plan, plan procurement, and contract administration

**Answer: C**

**NEW QUESTION 926**

- (Topic 4)

Cost variance (CV) is equal to earned value:

- A. Minus actual cost [EV - AC].
- B. Minus planned value [EV - PV].
- C. Divided by actual cost [EV/AC].
- D. Divided by planned value [EV/PV].

**Answer: A**

**NEW QUESTION 931**

- (Topic 4)

Which process in Project Time Management includes reserve analysis as a tool or technique?

- A. Estimate Activity Resources
- B. Sequence Activities
- C. Estimate Activity Durations
- D. Develop Schedule

**Answer: C**

**NEW QUESTION 934**

- (Topic 4)

A project requires a component with well-understood specifications. Performance targets are established at the outset, and the final contract price is determined after completion of all work based on the seller's performance. The most appropriate agreement with the supplier is:

- A. Cost Plus Incentive Fee (CPIF).
- B. Fixed Price Incentive Fee (FPIF).
- C. Cost Plus Award Fee (CPAF).
- D. Fixed Price with Economic Price Adjustment (FP-EPA).

**Answer: B**

**NEW QUESTION 939**

- (Topic 4)

Which item is a cost of conformance?

- A. Training
- B. Liabilities
- C. Lost business
- D. Scrap

**Answer: A**

**NEW QUESTION 942**

- (Topic 4)

An input of the Plan Procurement Management process is:

- A. Make-or-buy decisions.
- B. Activity cost estimates.
- C. Seller proposals.
- D. Procurement documents.

**Answer: B**

**NEW QUESTION 943**

- (Topic 4)

Which output is the approved version of the time-phased project budget?

- A. Resource calendar
- B. Scope baseline
- C. Trend analysis
- D. Cost baseline

**Answer: D**

**NEW QUESTION 944**

- (Topic 4)

Change requests are an output from which Project Integration Management process?

- A. Direct and Manage Project Execution
- B. Develop Project Management Plan

- C. Close Project
- D. Develop Project Charter

**Answer:** A

**NEW QUESTION 946**

- (Topic 4)

Budgets reserved for unplanned changes to project scope and cost are:

- A. Contingency reserves.
- B. Management reserves.
- C. Authorized budgets.
- D. Cost baselines.

**Answer:** B

**NEW QUESTION 949**

- (Topic 4)

What happens to a stakeholder's project influence over time?

- A. Increases
- B. Decreases
- C. Stays the same
- D. Has no bearing

**Answer:** B

**NEW QUESTION 950**

- (Topic 4)

The Perform Integrated Change Control process occurs in which Process Group?

- A. Initiating
- B. Executing
- C. Monitoring and Controlling
- D. Planning

**Answer:** C

**NEW QUESTION 955**

- (Topic 4)

At the start of a typical project life cycle, costs are:

- A. low, peak as work is carried out, and drop as the project nears the end.
- B. low, become steady as work is carried out, and increase as the project nears the end.
- C. high, drop as work is carried out, and increase as the project nears the end.
- D. high, become low as work is carried out, and drop as the project nears the end.

**Answer:** A

**NEW QUESTION 960**

- (Topic 4)

Which Perform Quality Assurance tool or technique is used to identify a problem, discover the underlying causes that lead to it, and develop preventative actions?

- A. Inspection
- B. Quality audits
- C. Design of experiments
- D. Root cause analysis

**Answer:** D

**NEW QUESTION 961**

- (Topic 4)

A measure of cost performance that is required to be achieved with the remaining resources in order to meet a specified management goal and is expressed as the ratio of the cost needed for finishing the outstanding work to the remaining budget is known as the:

- A. budget at completion (BAC)
- B. earned value management (EVM)
- C. to-complete performance index
- D. cost performance index

**Answer:** C

**NEW QUESTION 962**

- (Topic 4)

A project manager should document the escalation path for unresolved project risks in the:

- A. Change control plan
- B. Stakeholder register
- C. Risk log
- D. Communications management plan

**Answer: D**

**NEW QUESTION 965**

- (Topic 4)

Administer Procurements is part of which Process Group?

- A. Planning
- B. Executing
- C. Monitoring and Controlling
- D. Closing

**Answer: C**

**NEW QUESTION 969**

- (Topic 4)

Configuration identification, configuration status accounting, and configuration verification and audit are all activities in which process?

- A. Perform Quality Assurance
- B. Direct and Manage Project Work
- C. Monitor and Control Project Work
- D. Perform Integrated Change Control

**Answer: D**

**NEW QUESTION 971**

- (Topic 4)

How is quality control performed?

- A. By identifying quality standards that are relevant to the project and determining how to satisfy them
- B. By monitoring specific project results in compliance with relevant quality standards and determining corrective actions as needed
- C. By ensuring that the entire project team has been adequately trained in quality assurance processes
- D. By applying Monte Carlo, sampling, Pareto analysis, and benchmarking techniques to ensure conformance to quality standards

**Answer: B**

**NEW QUESTION 973**

- (Topic 4)

An input to the Perform Quantitative Risk Analysis process is the:

- A. quality management plan.
- B. project management plan.
- C. communications management plan.
- D. schedule management plan.

**Answer: D**

**NEW QUESTION 978**

- (Topic 4)

Who provides the inputs for the original estimates of activity durations for tasks on the project plan?

- A. Project sponsor
- B. Project manager
- C. Person responsible for project scheduling
- D. Person who is most familiar with the task

**Answer: D**

**NEW QUESTION 979**

- (Topic 4)

What is the schedule performance index (SPI) if the planned value (PV) is \$100, the actual cost (AC) is \$150, and the earned value (EV) is \$50?

- A. 0.50
- B. 0.67
- C. 1.50
- D. 2.00

**Answer: A**

**NEW QUESTION 984**

- (Topic 4)

Which of the following is a schedule network analysis technique that takes limited resources into account?

- A. Network reserve analysis
- B. Critical chain method
- C. Lead and lag adjustment
- D. Critical path method

**Answer: B**

**NEW QUESTION 989**

- (Topic 4)

Which tool or technique is used in validating the scope of a project?

- A. Facilitated workshops
- B. Interviews
- C. Inspection
- D. Meetings

**Answer: C**

**NEW QUESTION 990**

- (Topic 4)

Which index is the calculated projection of cost performance that must be achieved on the remaining work to meet a specified management goal?

- A. Estimate at completion
- B. Cost performance
- C. Schedule performance
- D. To-complete performance

**Answer: D**

**NEW QUESTION 995**

- (Topic 4)

Which of the following tools and techniques is used to estimate cost?

- A. Budget forecast
- B. Variance analysis
- C. Activity cost estimate
- D. Three-point estimate

**Answer: D**

**NEW QUESTION 998**

- (Topic 4)

An input to the Plan Procurement Management process is:

- A. Source selection criteria.
- B. Market research.
- C. A stakeholder register.
- D. A records management system.

**Answer: C**

**NEW QUESTION 1001**

- (Topic 4)

Which term describes an assessment of correctness?

- A. Accuracy
- B. Precision
- C. Grade
- D. Quality

**Answer: A**

**NEW QUESTION 1006**

- (Topic 4)

A tool and technique used during the Perform Qualitative Risk Analysis process is:

- A. risk data quality assessment.
- B. variance and trend analysis.
- C. data gathering and representation techniques.
- D. risk audits.

**Answer: A**

**NEW QUESTION 1011**

- (Topic 4)

When the business objectives of an organization change, project goals need to be:

- A. realigned.
- B. performed.
- C. improved.
- D. controlled.

**Answer: A**

#### **NEW QUESTION 1012**

- (Topic 4)

Which items are an output of the Perform Integrated Change Control process?

- A. Work performance reports
- B. Accepted deliverables
- C. Project management plan updates
- D. Organizational process assets

**Answer: C**

#### **NEW QUESTION 1017**

- (Topic 4)

Specification of both the deliverables and the processes is the focus of:

- A. Change control
- B. Configuration control
- C. Project monitoring and control
- D. Issue control

**Answer: A**

#### **NEW QUESTION 1019**

- (Topic 5)

Which conflict resolution technique searches for solutions that bring some degree of satisfaction to all parties in order to temporarily or partially resolve the conflict?

- A. Force/direct
- B. Withdraw/avoid
- C. Compromise/reconcile
- D. Collaborate/problem solve

**Answer: C**

#### **NEW QUESTION 1024**

- (Topic 5)

When a backward pass is calculated from a schedule constraint that is later than the early finish date that has been calculated during a forward pass calculation, this causes which type of total float?

- A. Negative
- B. Zero
- C. Positive
- D. Free

**Answer: C**

#### **NEW QUESTION 1027**

- (Topic 5)

Conditions that are not under the control of the project team that influence, direct, or constrain a project are called:

- A. Enterprise environmental factors
- B. Work performance reports
- C. Organizational process assets
- D. Context diagrams

**Answer: A**

#### **NEW QUESTION 1032**

- (Topic 5)

The process of formalizing acceptance of the completed project deliverables is known as:

- A. Validate Scope.
- B. Close Project or Phase.
- C. Control Quality.
- D. Verify Scope.

**Answer: A**

**NEW QUESTION 1036**

- (Topic 5)

Lessons learned are created and project resources are released in which Process Group?

- A. Planning
- B. Executing
- C. Closing
- D. Initiating

**Answer: C**

**NEW QUESTION 1037**

- (Topic 5)

During which process does a project manager review all prior information to ensure that all project work is completed and that the project has met its objectives?

- A. Monitor and Control Project Work
- B. Perform Quality Assurance
- C. Close Project or Phase
- D. Control Scope

**Answer: C**

**NEW QUESTION 1038**

- (Topic 5)

A project has a current cost performance index (CPI) of 1.25. To date, US\$10,000 have been spent on performing the project work. What is the earned value of the work completed to date?

- A. US\$000
- B. US\$9500
- C. US\$10,000
- D. US\$12,500

**Answer: D**

**NEW QUESTION 1040**

- (Topic 5)

A reward can only be effective if it is:

- A. Given immediately after the project is completed.
- B. Something that is tangible.
- C. Formally given during project performance appraisals.
- D. Satisfying a need valued by the individual.

**Answer: D**

**NEW QUESTION 1043**

- (Topic 5)

When alternative dispute resolution (ADR) is necessary, which tool or technique should be utilized?

- A. Interactive communication
- B. Claims administration
- C. Conflict management
- D. Performance reporting

**Answer: B**

**NEW QUESTION 1046**

- (Topic 5)

If the most likely duration of an activity is five weeks, the best-case duration is two weeks, and the worst-case duration is 14 weeks, how many weeks is the expected duration of the activity?

- A. One
- B. Five
- C. Six
- D. Seven

**Answer: C**

**NEW QUESTION 1049**

- (Topic 5)

At the end of the project, what will be the value of SV?

- A. Positive
- B. Zero
- C. Negative
- D. Greater than one

**Answer:** B

**NEW QUESTION 1051**

- (Topic 5)

An example of a group decision-making technique is:

- A. nominal group technique
- B. majority
- C. affinity diagram
- D. multi-criteria decision analysis

**Answer:** A

**NEW QUESTION 1055**

- (Topic 5)

Which type of dependency is legally or contractually required or inherent in the nature of work and often involves physical limitations?

- A. Mandatory
- B. Discretionary
- C. Internal
- D. External

**Answer:** A

**NEW QUESTION 1058**

- (Topic 5)

Which tools or techniques are used during the Close Project or Phase process?

- A. Reserve analysis and expert judgment
- B. Facilitation techniques and meetings
- C. Expert judgment and analytical techniques
- D. Performance reviews and meetings

**Answer:** C

**NEW QUESTION 1061**

- (Topic 5)

Which of the following is a conflict resolution technique that emphasizes areas of agreement rather than areas of difference?

- A. Compromising
- B. Collaborating
- C. Smoothing
- D. Problem Solving

**Answer:** C

**NEW QUESTION 1062**

- (Topic 5)

Which of the following characteristics are found in a functional organizational structure?

- A. Little or no project manager authority, little or no resource availability, and the functional manager controls the project budget
- B. Limited project manager authority, limited resource availability, and a part-time project manager's role
- C. Low to moderate project manager authority, low to moderate resource availability, and a full-time project manager's role
- D. High to almost total project manager authority, high to almost total resource availability, and full-time project management administrative staff

**Answer:** A

**NEW QUESTION 1064**

- (Topic 5)

Conflict should be best addressed in which manner?

- A. Early, in private, using a direct, collaborative approach
- B. Early, in public, using an indirect, collaborative approach
- C. Early, in private, using an indirect, cooperative approach
- D. As late as possible, in public, using a direct, confrontational approach

**Answer:** A

**NEW QUESTION 1067**

- (Topic 5)

Which category of contracts are sellers legally obligated to complete, with possible financial damages if the project objectives are not met?

- A. Cost-reimbursable contracts
- B. Time and Material contracts (T&M)
- C. Fixed-price contracts

D. Cost Plus Fixed Fee Contracts (CPFF)

**Answer: C**

**NEW QUESTION 1069**

- (Topic 5)

An output of the Close Project (or Close Phase) process is:

- A. accepted deliverables
- B. organizational process asset updates
- C. work performance information
- D. project management plan updates

**Answer: B**

**NEW QUESTION 1072**

- (Topic 5)

A project manager builds consensus and overcomes obstacles by employing which communication technique?

- A. Listening
- B. Facilitation
- C. Meeting management
- D. Presentation

**Answer: B**

**NEW QUESTION 1077**

- (Topic 5)

The project management processes presented in the PMBOK Guide® should:

- A. always be applied uniformly.
- B. be selected as appropriate by the sponsor.
- C. be selected as appropriate by the project team.
- D. be applied based on ISO guidelines.

**Answer: C**

**NEW QUESTION 1079**

- (Topic 5)

Which of the following is a measure of the value of work completed compared to the actual cost or progress made on the project?

- A. Schedule performance index (SPI)
- B. Cost performance index (CPI)
- C. Cost variance (CV)
- D. Planned value (PV)

**Answer: B**

**NEW QUESTION 1080**

- (Topic 5)

Which organizational process assets update is performed during the Close Procurements process?

- A. Procurement audit
- B. Lessons learned
- C. Performance reporting
- D. Payment requests

**Answer: B**

**NEW QUESTION 1081**

- (Topic 5)

During which process would stakeholders provide formal acceptance of the completed project scope?

- A. Perform Quality Control
- B. Verify Scope
- C. Control Scope
- D. Develop Schedule

**Answer: B**

**NEW QUESTION 1084**

- (Topic 5)

Completion of the product scope is measured against the product:

- A. prototypes

- B. requirements
- C. analyses
- D. benchmarks

**Answer: B**

**NEW QUESTION 1085**

- (Topic 5)

The Closing Process Group includes which of the following Knowledge Areas?

- A. Project Risk Management and Project Procurement Management
- B. Project Integration Management and Project Procurement Management
- C. Project Risk Management and Project Integration Management
- D. Project Integration Management and Project Quality Management

**Answer: B**

**NEW QUESTION 1088**

- (Topic 5)

Verification of project deliverables occurs during which process?

- A. Develop preliminary project scope statement
- B. Close Project or Phase
- C. Develop project charter
- D. Create WBS

**Answer: B**

**NEW QUESTION 1093**

- (Topic 5)

Which of the following choices is a contract closure tool or technique?

- A. Contract plan
- B. Procurement plan
- C. Closure process
- D. Procurement audits

**Answer: D**

**NEW QUESTION 1095**

- (Topic 5)

When sequencing activities, what does the common acronym FF stand for?

- A. Fixed Fee
- B. Free Float
- C. Fixed Finish
- D. Finish-to-Finish

**Answer: D**

**NEW QUESTION 1099**

- (Topic 5)

When are deliverables accepted or not accepted?

- A. When the project is initiated
- B. As an output of the scope verification process
- C. When the project is closing
- D. In the contract closure process

**Answer: B**

**NEW QUESTION 1103**

- (Topic 5)

The process of identifying and documenting relationships among the project activities is known as:

- A. Control Schedule.
- B. Sequence Activities.
- C. Define Activities.
- D. Develop Schedule.

**Answer: B**

**NEW QUESTION 1105**

- (Topic 5)

Which tool or technique allows a large number of ideas to be classified into groups for review and analysis?

- A. Nominal group technique
- B. Idea/mind mapping
- C. Affinity diagram
- D. Brainstorming

**Answer: C**

**NEW QUESTION 1106**

A graphic display of project team members and their reporting relationships is known as a:

- A. Resource calenda
- B. Project organization chart.
- C. Resource breakdown structure (RBS).
- D. Responsibility assignment matrix (RAM).

**Answer: B**

**NEW QUESTION 1107**

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