

# PMP

## Exam Questions PMP

Project Management Professional



**NEW QUESTION 1**

- (Topic 1)

Which process determines the risks that might affect the project?

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

**Answer: B**

**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)

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 4**

- (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 5**

- (Topic 1)

Which is the document that presents a hierarchical project organization?

- A. WBS
- B. CPI
- C. OBS
- D. BOM

**Answer: C**

**NEW QUESTION 6**

- (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 7**

- (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 8**

- (Topic 1)

Which type of managers do composite organizations involve?

- A. Functional managers and manager of project managers
- B. Functional managers only
- C. Project managers only
- D. Technical managers and project managers

Answer: A

**NEW QUESTION 9**

- (Topic 1)

An input required to develop a preliminary project scope statement is:

- A. Organizational Structure
- B. Organizational Process Assets
- C. Organizational Matrix
- D. Organizational Breakdown Structures

Answer: B

**NEW QUESTION 10**

- (Topic 1)

What name(s) is (are) associated with the Plan-Do-Check-Act cycle?

- A. Pareto
- B. Ishikawa
- C. Shewhart-Deming
- D. Delphi

Answer: C

**NEW QUESTION 10**

- (Topic 1)

Which of the following strategies is used to deal with risks that may have a negative impact on project objectives?

- A. Exploit
- B. Share
- C. Enhance
- D. Transfer

Answer: D

**NEW QUESTION 13**

- (Topic 1)

Which of the following is TRUE about most project life cycles?

- A. Staffing level is highest at the start.
- B. The stakeholders' influence is highest at the start.
- C. The level of uncertainty is lowest at the start.
- D. The cost of changes is highest at the start.

Answer: B

**NEW QUESTION 15**

- (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 18**

- (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 22**

- (Topic 1)

Which statement correctly describes the value of a business case?

- A. It provides the necessary information to determine if a project is worth the required investment.
- B. It provides for alternative dispute resolution procedures in event of contract default.
- C. It offers one of several alternative scenarios which assist in performing qualitative risk analysis.
- D. It is used to help a project manager understand the scope of commercial advantages.

**Answer:** A

**NEW QUESTION 25**

- (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 26**

- (Topic 1)

Which Knowledge Area involves identifying the people, groups, or organizations that may be impacted by or impact a project?

- A. Project Risk Management
- B. Project Human Resource Management
- C. Project Scope Management
- D. Project Stakeholder Management

**Answer:** D

**NEW QUESTION 29**

- (Topic 1)

Prototype development may be used as a tool for which of the following risk response strategies?

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

**Answer:** C

**NEW QUESTION 32**

- (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 37**

- (Topic 1)

Which item is an example of personnel assessment?

- A. Resource calendar
- B. Tight matrix
- C. Team-building activity
- D. Focus group

**Answer:** D

**NEW QUESTION 42**

- (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 45**

- (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 48**

- (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 53**

- (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 57**

- (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 59**

- (Topic 1)

In which Project Management Process Group is the project charter developed?

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

**Answer:** C

**NEW QUESTION 62**

- (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 64**

- (Topic 1)

Prioritizing risks for further analysis or action by assessing and combining their probability of occurrence and impact takes place in which process?

- A. Monitor and Control Risks
- B. Plan Risk Management
- C. Perform Qualitative Risk Analysis
- D. Perform Quantitative Risk Analysis

**Answer: C**

**NEW QUESTION 69**

- (Topic 1)

Which is a tool or technique used in scope definition?

- A. Templates, forms, and standards
- B. Change requests
- C. Stakeholder analysis
- D. Project assumptions

**Answer: C**

**NEW QUESTION 74**

- (Topic 1)

Which statement is true about the project management body of knowledge?

- A. Recognized by every project manager
- B. Constantly evolving
- C. The sum of all knowledge related to project management
- D. A sum of knowledge that should be applied on every project

**Answer: B**

**NEW QUESTION 78**

- (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 80**

- (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 82**

- (Topic 1)

Which of the following is an example of a technique used in quantitative risk analysis?

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

**Answer: A**

**NEW QUESTION 87**

- (Topic 1)

Which of the following reduces the probability of potential consequences of project risk events?

- A. Preventive action
- B. Risk management
- C. Corrective action
- D. Defect repair

**Answer: A**

**NEW QUESTION 88**

- (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 93**

- (Topic 1)

Which stakeholder approves a project's result?

- A. Customer
- B. Sponsor
- C. Seller
- D. Functional manager

**Answer: A**

**NEW QUESTION 96**

- (Topic 1)

Which of the following statements best describes the influence of stakeholders and the cost of changes as project time advances?

- A. The influence of the stakeholders increases, the cost of changes increases.
- B. The influence of the stakeholders decreases, the cost of changes increases.
- C. The influence of the stakeholders increases, the cost of changes decreases.
- D. The influence of the stakeholders decreases, the cost of changes decreases.

**Answer: B**

**NEW QUESTION 97**

- (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 99**

- (Topic 1)

The project scope statement and resource calendars are inputs to which Project Time Management process?

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

**Answer: C**

**NEW QUESTION 101**

- (Topic 1)

Which group creativity technique asks a selected group of experts to answer questionnaires and provide feedback regarding the responses from each round of requirements gathering?

- A. The Delphi technique
- B. Nominal group technique
- C. Affinity diagram
- D. Brainstorming

**Answer: A**

**NEW QUESTION 104**

- (Topic 1)

The process of defining how the project scope will be validated and controlled is known as:

- A. Define Scope.
- B. Develop Project Management Plan.
- C. Plan Scope Management.
- D. Plan Quality Management.

**Answer: C**

**NEW QUESTION 105**

- (Topic 1)

PMBOI Guide is a standard that describes:

- A. product-oriented processes.
- B. project management processes.
- C. product-oriented and project management processes.
- D. program management and project management processes.

**Answer: B**

**NEW QUESTION 106**

- (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 109**

- (Topic 1)

An output of the Manage Stakeholder Engagement process is:

- A. change requests
- B. enterprise environmental factors
- C. the stakeholder management plan
- D. the change log

**Answer: A**

**NEW QUESTION 112**

- (Topic 1)

Which of the following are an enterprise environmental factor that can influence the Identify Risks process?

- A. Work performance reports
- B. Assumptions logs
- C. Network diagrams
- D. Academic studies

**Answer: D**

**NEW QUESTION 116**

- (Topic 1)

Which of the following processes are part of the Project Integration Management Knowledge Area?

- A. Develop Project Management Plan, Collect Requirements, Create WBS
- B. Develop Project Management Plan, Control Scope, Develop Schedule
- C. Develop Project Charter, Define Scope, Estimate Costs
- D. Develop Project Charter, Direct and Manage Project Execution, Close Project or Phase

**Answer: D**

**NEW QUESTION 118**

- (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 123**

- (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 124**

- (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 128**

- (Topic 1)

The scope management plan is a subsidiary of which project document?

- A. Schedule management plan
- B. Project management plan
- C. Quality management plan
- D. Resource management plan

**Answer: B**

**NEW QUESTION 133**

- (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 135**

- (Topic 1)

The creation of an internet site to engage stakeholders on a project is an example of which type of communication?

- A. Push
- B. Pull
- C. Interactive
- D. Iterative

**Answer: B**

**NEW QUESTION 137**

- (Topic 1)

Technical capability, past performance, and intellectual property rights are examples of:

- A. performance measurement criteria
- B. source selection criteria
- C. product acceptance criteria
- D. phase exit criteria

**Answer: B**

**NEW QUESTION 138**

- (Topic 1)

The organization's perceived balance between risk taking and risk avoidance is reflected in the risk:

- A. Responses
- B. Appetite
- C. Tolerance
- D. Attitude

**Answer: A**

**NEW QUESTION 140**

- (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 143**

- (Topic 1)

The business needs, assumptions, and constraints and the understanding of the customers needs and high-level requirements are documented in the:

- A. Project management plan.
- B. Project charter.
- C. Work breakdown structure.
- D. Stakeholder register.

**Answer: B**

**NEW QUESTION 148**

- (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 153**

- (Topic 1)

Which document in the project management plan can be updated in the Plan Procurement Management process?

- A. Budget estimates
- B. Risk matrix
- C. Requirements documentation
- D. Procurement documents

**Answer: C**

**NEW QUESTION 158**

- (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 162**

- (Topic 1)

Which of the following is the process of identifying the specific actions to be performed to produce the project deliverables?

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

**Answer: C**

**NEW QUESTION 164**

- (Topic 1)

What are the five Project Management Process Groups?

- A. Initiating, Planning, Executing, Monitoring and Controlling, and Closing
- B. Introduction, Planning, Executing, Monitoring and Controlling, and Closing
- C. Initiating, Planning, Executing, Monitoring and Controlling, and Ending
- D. Introduction, Planning, Implementation, Monitoring and Controlling, and Closure

**Answer: A**

**NEW QUESTION 168**

- (Topic 1)

Who MUST know when a risk event occurs so that a response can be implemented?

- A. Customers
- B. Project sponsors
- C. Project management team

D. Insurance claims department

**Answer: C**

**NEW QUESTION 170**

- (Topic 1)

Which cost is associated with nonconformance?

- A. Liabilities
- B. Inspections
- C. Training
- D. Equipment

**Answer: A**

**NEW QUESTION 173**

- (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 177**

- (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 180**

- (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 184**

- (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 185**

- (Topic 2)

A regression line is used to estimate:

- A. Whether or not a process is stable or has predictable performance.
- B. How a change to the independent variable influences the value of the dependent variable.
- C. The upper and lower specification limits on a control chart.
- D. The central tendency, dispersion, and shape of a statistical distribution.

**Answer: B**

**NEW QUESTION 188**

- (Topic 2)

Which process involves the creation of a document that provides the project manager with the authority to apply resources to a project?

- A. Define Activities
- B. Direct and Manage Project Work
- C. Develop Project Management Plan
- D. Develop Project Charter

**Answer: D**

**NEW QUESTION 191**

- (Topic 2)

During what process is the quality policy determined?

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

**Answer: C**

**NEW QUESTION 194**

- (Topic 2)

Which type of chart is a graphic representation of a process showing the relationships among process steps?

- A. Control
- B. Bar
- C. Flow
- D. Pareto

**Answer: C**

**NEW QUESTION 198**

- (Topic 2)

Quality metrics are an output of which process?

- A. Plan Quality
- B. Perform Quality Control
- C. Perform Quality Assurance
- D. Perform Qualitative Risk Analysis

**Answer: A**

**NEW QUESTION 199**

- (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 203**

- (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 205**

- (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 210**

- (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 215**

- (Topic 2)

Definitions of probability and impact, revised stakeholder tolerances, and tracking are components of which subsidiary plan?

- A. Cost management plan
- B. Quality management plan
- C. Communications management plan
- D. Risk management plan

**Answer: D**

#### **NEW QUESTION 216**

- (Topic 2)

Which provides the basic framework for managing a project?

- A. Project life cycle
- B. Work breakdown structure (WBS)
- C. Enterprise environmental factors
- D. Project initiation

**Answer: A**

#### **NEW QUESTION 218**

- (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 221**

- (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 223**

- (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 224**

- (Topic 2)

Project deliverables that have been completed and checked for correctness through the Control Quality process are known as:

- A. Verified deliverables.
- B. Validated deliverables.
- C. Acceptance criteria.
- D. Activity resource requirements.

**Answer: A**

**NEW QUESTION 225**

- (Topic 2)

Which component of the human resource management plan describes when and how project team members are acquired and how long they will be needed?

- A. Resource breakdown structure
- B. Staffing management plan
- C. Project organizational chart
- D. Scope management plan

**Answer: B**

**NEW QUESTION 228**

- (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 230**

- (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 232**

- (Topic 2)

Which of the following are three inputs to the risk register?

- A. Risk register updates, stakeholder register, and quality management plan
- B. Communication management plan, enterprise environmental factors, and activity duration estimates
- C. Risk management plan, activity cost estimates, and project documents
- D. Project scope statement, organizational process assets, and scope baseline

**Answer: C**

**NEW QUESTION 236**

- (Topic 2)

The organizational process assets that are of particular importance to Plan Communications are:

- A. Formal plans and procedures
- B. Lessons learned and historical information
- C. Guidelines and knowledge bases
- D. Stakeholder positions and their influence

**Answer: B**

**NEW QUESTION 238**

- (Topic 2)

Which of the following tools or techniques is used for Estimate Activity Durations?

- A. Critical path method
- B. Rolling wave planning
- C. Precedence diagramming method
- D. Parametric estimating

**Answer: D**

**NEW QUESTION 241**

- (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 244**

- (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 248**

- (Topic 2)

Which tool or technique is used in Manage Stakeholder Expectations?

- A. Stakeholder management strategy
- B. Communication methods
- C. Issue log
- D. Change requests

**Answer: B**

**NEW QUESTION 251**

- (Topic 2)

Which action should a project manager take to ensure that the project management plan is effective and current?

- A. Conduct periodic project performance reviews.
- B. Identify quality project standards.
- C. Follow ISO 9000 quality standards.
- D. Complete the quality control checklist.

**Answer: A**

**NEW QUESTION 255**

- (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 257**

- (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 262**

- (Topic 2)

Which of the following statements correctly characterizes pull communication?

- A. It includes letters, memos, reports, emails, and faxes.
- B. It requires recipients to access communication content at their own discretion.
- C. It is the most efficient way to ensure a common understanding among all participants.
- D. It is primarily used when the volume of information to be transferred is minimal.

**Answer: B**

**NEW QUESTION 267**

- (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 269**

- (Topic 2)

A special type of bar chart used in sensitivity analysis for comparing the relative importance of the variables is called a:

- A. triangular distribution
- B. tornado diagram
- C. beta distribution
- D. fishbone diagram

**Answer: B**

**NEW QUESTION 274**

- (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 278**

- (Topic 2)

Using values such as scope, cost, budget, and duration or measures of scale such as size, weight, and complexity from a previous similar project as the basis for estimating the same parameter or measurement for a current project describes which type of estimating?

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

**Answer: C**

**NEW QUESTION 280**

- (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 284**

- (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 288**

- (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 291**

- (Topic 2)

In the Plan Procurement Management process, which source selection criteria analyzes if the seller's proposed technical methodologies, techniques, solutions, and services meet the procurement documents requirements?

- A. Technical approach
- B. Technical capability
- C. Business size and type
- D. Production capacity and interest

Answer: A

**NEW QUESTION 292**

- (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 297**

- (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 300**

- (Topic 2)

While preparing the project management plan on a weekly basis, the project manager indicates the intention to provide an issues report to the staff via e-mail. In which part of the plan will this type of information be included?

- A. Communications management plan
- B. Human resource plan
- C. Quality management plan
- D. Procurement management plan

Answer: A

**NEW QUESTION 305**

- (Topic 2)

Grouping the stakeholders based on their level of authority and their level of concern regarding project outcomes describes which classification model for stakeholder analysis?

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

Answer: C

**NEW QUESTION 309**

- (Topic 2)

Which of the following inputs is required for the WBS creation?

- A. Project Quality Plan
- B. Project Schedule Network
- C. Project Management Software
- D. Project Scope Management Plan

**Answer: D**

**NEW QUESTION 314**

- (Topic 2)

When is a Salience Model used?

- A. In a work breakdown structure (WBS)
- B. During quality assurance
- C. In stakeholder analysis
- D. During quality control (QC)

**Answer: C**

**NEW QUESTION 319**

- (Topic 2)

Which Project Management Process Group includes Collect Requirements, Define Activities, Sequence Activities, Perform Qualitative Risk Analysis, and Perform Quantitative Risk Analysis?

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

**Answer: C**

**NEW QUESTION 322**

- (Topic 2)

"Tailoring" is defined as the:

- A. effort of addressing each process to determine which are appropriate and their appropriate degree of rigor.
- B. act of creating a project team with the specialized skills required to produce a required product or service.
- C. action taken to bring a defective or nonconforming component into compliance with requirements or specifications.
- D. adjustment of the respective influences of time, cost, and quality in order to most efficiently achieve scope.

**Answer: A**

**NEW QUESTION 326**

- (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 327**

- (Topic 3)

Which of the following is an output of the Perform Integrated Change Control process?

- A. Project document updates
- B. Organizational process assets updates
- C. Change requests
- D. Deliverables

**Answer: A**

**NEW QUESTION 331**

- (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 335**

- (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 340

- (Topic 3)

What is the schedule performance index (SPI) using the following data? BAC = \$100,000 PV = \$50,000 AC = \$80,000 EV = \$40,000

- A. 1
- B. 0.4
- C. 0.5
- D. 0.8

**Answer:** D

#### NEW QUESTION 344

- (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 346

- (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 349

- (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 354

- (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 355

- (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 356**

- (Topic 3)

In which process might a project manager use risk reassessment as a tool and technique?

- A. Perform Qualitative Risk Analysis
- B. Risk Control
- C. Monitor and Control Project Work
- D. Plan Risk Responses

**Answer:** B

**NEW QUESTION 359**

- (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 362**

- (Topic 3)

What is a tool and technique used in the Develop Project Management Plan process?

- A. Project management information system (PMIS)
- B. Project charter
- C. Quality assurance
- D. Expert judgment

**Answer:** D

**NEW QUESTION 363**

- (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 368**

- (Topic 3)

An input to the Perform Integrated Change Control process is:

- A. expert judgment
- B. seller proposals
- C. the project charter
- D. the project management plan

**Answer:** D

**NEW QUESTION 372**

- (Topic 3)

A change log for communications can be used to communicate to the appropriate stakeholders that there are changes:

- A. To the project management plan.
- B. To the risk register.
- C. In the scope verification processes.
- D. And their impact to the project in terms of time, cost, and risk.

**Answer:** D

**NEW QUESTION 374**

- (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 378**

- (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 380**

- (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 384**

- (Topic 3)

Which Process Group includes the Manage Stakeholder Engagement process?

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

**Answer:** A

**Explanation:**

Reason: Control Stateholder Engagement is in the Monitoring and Control Process.

**NEW QUESTION 385**

- (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 386**

- (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 390**

- (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 393**

- (Topic 3)

Which of the following is an input of the Define Activities process?

- A. Scope baseline
- B. Milestone list
- C. Resource calendars
- D. Activity list

**Answer:** A

**NEW QUESTION 396**

- (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 399**

- (Topic 3)

Managing ongoing production of goods and services to ensure business continues efficiently describes which type of management?

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

**Answer:** D

**NEW QUESTION 401**

- (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 402**

- (Topic 3)

A project manager at a publishing company decides to initiate the editing phase of the project as soon as each chapter is written. Which type of Sequence Activities tool and technique is involved, considering that there was a start-to-start relationship with a 15-day delay?

- A. Slack
- B. Float
- C. Lag
- D. Lead

**Answer:** C

**NEW QUESTION 403**

- (Topic 3)

The technique of subdividing project deliverables into smaller, more manageable components until the work and deliverables are defined to the work package level is called:

- A. a control chart.
- B. baseline.
- C. Create WBS.
- D. decomposition.

**Answer:** D

**NEW QUESTION 408**

- (Topic 3)

Which of the following is a tool or technique for the Plan Procurements process?

- A. Bidder conferences
- B. Proposal evaluation techniques
- C. Contract types
- D. Contract change control systems

Answer: C

**NEW QUESTION 409**

- (Topic 3)

Which of the following involves making information available to project stakeholders in a timely manner?

- A. Plan Communications
- B. Performance reporting
- C. Project status reports
- D. Distribute Information

Answer: D

**NEW QUESTION 412**

- (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 413**

- (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 415**

- (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 418**

- (Topic 3)

Which of the following is an input to the Plan Risk Responses process?

- A. Risk urgency assessment
- B. Organizational process assets
- C. Risk register
- D. Schedule management plan

Answer: C

**NEW QUESTION 422**

- (Topic 3)

A weighting system is a tool for which area of procurement?

- A. Plan contracting
- B. Request seller responses
- C. Select sellers
- D. Plan purchase and acquisition

Answer: C

**NEW QUESTION 427**

- (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 432**

- (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 437**

- (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 442**

- (Topic 3)

Which of the following buffers protects the target finish date from slippage along the critical chain?

- A. Critical buffer
- B. Project buffer
- C. Duration buffer
- D. Feeding buffer

**Answer:** B

**NEW QUESTION 447**

- (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 450**

- (Topic 3)

In which process might you use risk reassessment as a tool and technique?

- A. Qualitative risk analysis
- B. Risk monitoring and control
- C. Monitor and control project work
- D. Risk response planning

**Answer:** B

**NEW QUESTION 451**

- (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 452**

- (Topic 3)

An input to the Identify Stakeholders process is:

- A. The project management plan.

- B. The stakeholder register.
- C. Procurement documents.
- D. Stakeholder analysis.

**Answer:** C

**NEW QUESTION 455**

- (Topic 3)

A project manager has created an issue log to document issues communicated by project team members during weekly team meetings. This is an input of:

- A. Manage Stakeholder Expectations.
- B. Monitor and Control Risks.
- C. Plan Risk Management.
- D. Report Performance.

**Answer:** A

**NEW QUESTION 460**

- (Topic 3)

Resource calendars are included in the:

- A. staffing management plan.
- B. work breakdown structure (WBS).
- C. project communications plan.
- D. project charter.

**Answer:** A

**NEW QUESTION 462**

- (Topic 3)

Status of deliverables, implementation status for change requests, and forecasted estimates to complete are examples of:

- A. Earned value management.
- B. Enterprise environmental factors.
- C. Organizational process assets.
- D. Work performance information.

**Answer:** D

**NEW QUESTION 467**

- (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 468**

- (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 471**

- (Topic 3)

Which of the following correctly describes when organizations and stakeholders are willing to accept varying degrees of risk?

- A. Risk analysis
- B. Risk tolerance
- C. Risk management
- D. Risk attitude

**Answer:** B

**NEW QUESTION 473**

- (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 476**

- (Topic 3)

Within project integration management, the statement of work (SOW) references which aspects of the project?

- A. Strategic plan, business need, and product scope description
- B. Contract, enterprise environmental factors, and organizational process assets
- C. Business plan, project management plan, and project schedule
- D. Product lifecycle, business objective, and management strategy

**Answer:** A

**NEW QUESTION 481**

- (Topic 3)

Analytical techniques are a tool and technique of which process in Project Procurement Management?

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

**Answer:** C

**NEW QUESTION 483**

- (Topic 3)

Correlated and contextualized information on how closely the scope is being maintained relative to the scope baseline is contained within:

- A. project documents updates.
- B. project management plan updates.
- C. change requests.
- D. work performance information.

**Answer:** D

**NEW QUESTION 484**

- (Topic 3)

Change request status updates are an output of which process?

- A. Perform Integrated Change Control
- B. Direct and Manage Project Execution
- C. Close Project or Phase
- D. Monitor and Control Project Work

**Answer:** A

**NEW QUESTION 487**

- (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 489**

- (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 491**

- (Topic 3)

The project manager at an organization has just realized that some of the engineering staff has been allocated to project Y and will not be available to finish task X. The project manager has also discovered that at the current pace, it will not be possible to complete the project on time. Due to cost constraints, hiring more work force is not a viable option. Which tools are at the manager's disposal?

- A. Resource leveling and fast tracking
- B. Fast tracking and crashing
- C. Crashing and applying leads and lags
- D. Scheduling tools and applying leads and lags

**Answer:** A

#### NEW QUESTION 496

- (Topic 3)

Which of the following is developed from the project scope baseline and defines only that portion of the project scope that is to be included within a related contract?

- A. Product scope description
- B. Procurement statement of work
- C. Project schedule
- D. Work breakdown structure (WBS)

**Answer:** B

#### NEW QUESTION 500

- (Topic 3)

The basis of identification for current or potential problems to support later claims or new procurements is provided by:

- A. A risk urgency assessment.
- B. The scope baseline.
- C. Work performance information.
- D. Procurement audits.

**Answer:** C

#### NEW QUESTION 502

- (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 507

- (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 511

- (Topic 3)

The correct equation for schedule variance (SV) is earned value:

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

**Answer:** A

#### NEW QUESTION 513

- (Topic 3)

The definition of operations is a/an:

- A. organizational function performing the temporary execution of activities that produce the same product or provide repetitive service.
- B. temporary endeavor undertaken to create a unique product, service, or result.
- C. organization that provides oversight for an administrative area.
- D. organizational function performing the ongoing execution of activities that produce the same product or provide repetitive service.

**Answer:** D

**NEW QUESTION 516**

- (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 520**

- (Topic 3)

In complex projects/ initiating processes should be completed:

- A. Within a work package.
- B. In each phase of the project.
- C. To estimate schedule constraints.
- D. To estimate resource allocations.

**Answer: B**

**NEW QUESTION 524**

- (Topic 3)

Change requests, project management plan updates, project document updates, and organizational process assets updates are all outputs of which project management process?

- A. Plan Risk Responses
- B. Manage Stakeholder Expectations
- C. Define Scope
- D. Report Performance

**Answer: B**

**NEW QUESTION 529**

- (Topic 3)

A project manager requesting industry groups and consultants to recommend project intervention is relying on:

- A. Communication models.
- B. Stakeholder participation.
- C. Expert judgment
- D. Enterprise environmental factors.

**Answer: C**

**NEW QUESTION 532**

- (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 535**

- (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 536**

- (Topic 4)

The process to ensure that appropriate quality standards and operational definitions are used is:

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

Answer: B

**NEW QUESTION 538**

- (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 541**

- (Topic 4)

Which technique is commonly used for the Quantitative Risk Analysis activity?

- A. Brainstorming
- B. Strategies for Opportunities
- C. Decision Tree Analysis
- D. Risk Data Quality Assessment

Answer: C

**NEW QUESTION 544**

- (Topic 4)

Work performance information and cost forecasts are outputs of which Project Cost Management process?

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

Answer: D

**NEW QUESTION 549**

- (Topic 4)

Perform Integrated Change Control is the process of:

- A. Reviewing, approving, and managing all change requests
- B. Facilitating change management, manuals, or automation tools
- C. Comparing actual results with planned results in order to expand or change a project
- D. Documenting changes according to the change control system by the change control board

Answer: A

**NEW QUESTION 553**

- (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 554**

- (Topic 4)

The following chart contains information about the tasks in a project.

Based on the chart, what is the schedule variance (SV) for Task 8?

- A. -2,000
- B. -1,000
- C. 1,000
- D. 2,000

Answer: B

**NEW QUESTION 555**

- (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 557**

- (Topic 4)

Cost baseline is an output of which of the following processes?

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

**Answer:** B

**NEW QUESTION 561**

- (Topic 4)

A collection of projects managed as a group to achieve strategic objectives is referred to as a:

- A. plan
- B. process
- C. program
- D. portfolio

**Answer:** D

**NEW QUESTION 566**

- (Topic 4)

An output of the Plan Quality Management process is:

- A. A process improvement plan,
- B. Quality control measurements.
- C. Work performance information,
- D. The project management plan.

**Answer:** A

**NEW QUESTION 569**

- (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 571**

- (Topic 4)

Which tool or technique is used in the Perform Integrated Change Control process?

- A. Decomposition
- B. Modeling techniques
- C. Resource optimization
- D. Meetings

**Answer:** D

**NEW QUESTION 576**

- (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 581**

- (Topic 4)

Scope, schedule, and cost parameters are integrated in the:

- A. Performance measurement baseline.
- B. Analysis of project forecasts,
- C. Summary of changes approved in a period,
- D. Analysis of past performance.

**Answer:** A

**NEW QUESTION 585**

- (Topic 4)

Processes in the Initiating Process Group may be completed at the organizational level and be outside of the project's:

- A. Level of control.
- B. Communication channels.
- C. Scope.
- D. Strategic alignment.

**Answer:** A

**NEW QUESTION 590**

- (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 593**

- (Topic 4)

In the Estimate Activity Durations process, productivity metrics and published commercial information inputs are part of the:

- A. enterprise environmental factors.
- B. organizational process assets.
- C. project management plan,
- D. project funding requirements.

**Answer:** A

**NEW QUESTION 596**

- (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 600**

- (Topic 4)

Which of the following is a tool or technique used in the Determine Budget process?

- A. Variance analysis
- B. Three-point estimating
- C. Bottom-up estimating
- D. Historical relationships

**Answer:** D

**NEW QUESTION 602**

- (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 607**

- (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 612**

- (Topic 4)

A technique used to determine the cause and degree of difference between baseline and actual performance is:

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

**Answer: B**

**NEW QUESTION 613**

- (Topic 4)

Analogous cost estimating relies on which of the following techniques?

- A. Expert judgment
- B. Project management software
- C. Vendor bid analysis
- D. Reserve analysis

**Answer: A**

**NEW QUESTION 614**

- (Topic 4)

Which is a communication method used in the Report Performance process?

- A. Expert judgment
- B. Project management methodology
- C. Stakeholder analysis
- D. Status review meetings

**Answer: D**

**NEW QUESTION 617**

- (Topic 4)

An input of the Control Schedule process is the:

- A. resource calendar.
- B. activity list.
- C. risk management plan.
- D. organizational process assets.

**Answer: D**

**NEW QUESTION 619**

- (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 622**

- (Topic 4)

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

- A. Analysis
- B. Appetite
- C. Tolerance
- D. Response

**Answer: C**

**NEW QUESTION 623**

- (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 624**

- (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 626**

- (Topic 4)

When a control chart is used to monitor performance of a process, which of the following will be set by the project manager and the appropriate stakeholders to reflect the point(s) at which corrective action will be taken to prevent exceeding the specification limits?

- A. Upper and lower control limits
- B. Upper and lower specification limits
- C. Process mean
- D. Data points

**Answer: A**

**NEW QUESTION 631**

- (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 636**

- (Topic 4)

The project budget is set at \$150,000. The project duration is planned to be one year. At the completion of Week 16 of the project, the following information is collected: Actual cost = \$50,000, Plan cost = \$45,000, Earned value = \$40,000. What is the cost performance index?

- A. 0.8
- B. 0.89
- C. 1.13
- D. 1.25

**Answer: A**

**NEW QUESTION 638**

- (Topic 4)

Cost aggregation is typically performed by aggregating work packages in accordance with the:

- A. Program evaluation and review technique (PERT).
- B. Cost of quality (COQ).
- C. Rough order of magnitude (ROM).
- D. Work breakdown structure (WBS).

**Answer: D**

**NEW QUESTION 643**

- (Topic 4)

Forecasts, requested changes, recommended corrective actions, and organizational process asset updates are all outputs of which process?

- A. Risk response planning
- B. Risk monitoring and control
- C. Performance reporting
- D. Manage stakeholders

Answer: B

**NEW QUESTION 648**

- (Topic 4)

Which type of analysis is used to examine project results through time to determine if performance is improving or deteriorating?

- A. Control chart
- B. Earned value
- C. Variance
- D. Trend

Answer: D

**NEW QUESTION 650**

- (Topic 4)

Organizational process assets, a lessons-learned database, and historical information are all inputs to which process?

- A. Plan Cost Management
- B. Plan Scope Management
- C. Plan Stakeholder Management
- D. Plan Schedule Management

Answer: C

**NEW QUESTION 651**

- (Topic 4)

Which of the following is an output of the Monitor and Control Project Work process?

- A. Change requests
- B. Performance reports
- C. Organizational process assets
- D. Project management plan

Answer: A

**NEW QUESTION 656**

- (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 660**

- (Topic 4)

Testing falls into which of the following categories of cost of quality?

- A. Internal failure costs
- B. Prevention costs
- C. Appraisal costs
- D. External failure costs

Answer: C

**NEW QUESTION 661**

- (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 662**

- (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 665**

- (Topic 4)

An output of the Develop Project Team process is:

- A. Organizational process assets.
- B. Enterprise environmental factors updates.
- C. Project staff assignments.
- D. Organizational charts and position descriptions.

**Answer: B**

**NEW QUESTION 670**

- (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 672**

- (Topic 4)

The CPI is .92, and the EV is US\$172,500. What is the actual cost of the project?

- A. US\$158,700
- B. US\$172,500
- C. US\$187,500
- D. US\$245,600

**Answer: C**

**NEW QUESTION 674**

- (Topic 4)

While processes in the Planning Process Group seek to collect feedback and define project documents to guide project work, organizational procedures dictate when the project planning:

- A. ends.
- B. begins.
- C. delays.
- D. deviates.

**Answer: A**

**NEW QUESTION 675**

- (Topic 4)

A tool or technique used during the Administer Procurements process is:

- A. Expert judgment.
- B. Bidder conference.
- C. Procurement negotiation.
- D. Performance reporting.

**Answer: D**

**NEW QUESTION 678**

- (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 679**

- (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 682**

- (Topic 4)

The Monitoring and Controlling Process Group includes processes that:

- A. Establish the scope, objectives, and course of action of a project,
- B. Define a new project or a new phase of an existing project.
- C. Track, review, and regulate the progress and performance of a project.
- D. Complete the work defined in the project management plan.

**Answer: C**

**NEW QUESTION 685**

- (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 687**

- (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 692**

- (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 694**

- (Topic 4)

Which enterprise environmental factors are considered during Estimate Costs?

- A. Market conditions and published commercial information
- B. Company structure and market conditions
- C. Commercial information and company structure
- D. Existing human resources and market conditions

**Answer: A**

**NEW QUESTION 696**

- (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 701**

- (Topic 4)

Which input to the Manage Stakeholder Engagement process is used to document changes that occur during the project?

- A. Issue log
- B. Change log
- C. Expert judgment
- D. Change requests

**Answer: B**

#### NEW QUESTION 704

- (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 706

- (Topic 5)

Which of the following is a set of interrelated actions and activities performed to achieve a prespecified product, result, or service?

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

**Answer: B**

#### NEW QUESTION 708

- (Topic 5)

Which of the following is a tool or technique of the Define Activities process?

- A. Rolling wave planning
- B. Precedence diagramming method (PDM)
- C. Alternatives analysis
- D. Parametric estimating

**Answer: A**

#### NEW QUESTION 712

- (Topic 5)

Which tool or technique used in the Control Procurements process can be conducted during the execution of the project to verify compliance with deliverables?

- A. Procurement documents
- B. Inspection and audits
- C. Estimate budget
- D. Risk register

**Answer: B**

#### NEW QUESTION 713

- (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 717

- (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 722**

- (Topic 5)

Project or phase closure guidelines or requirements, historical information, and the lessons learned knowledge base are examples of which input to the Close Project or Phase process?

- A. Organizational process assets
- B. A work breakdown structure
- C. The project management plan
- D. Enterprise environmental factors

**Answer: A**

**NEW QUESTION 723**

- (Topic 5)

During which process would you obtain stakeholders' formal acceptance of the completed project scope?

- A. Quality control
- B. Scope verification
- C. Scope control
- D. Close project

**Answer: B**

**NEW QUESTION 728**

- (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 733**

- (Topic 5)

What type of planning is used where the work to be accomplished in the near term is planned in detail, while work in the future is planned at a higher level?

- A. Finish-to-start planning
- B. Rolling wave planning
- C. Short term planning
- D. Dependency determination

**Answer: B**

**NEW QUESTION 738**

- (Topic 5)

Sharing good practices introduced or implemented in similar projects in the organization and/or industry is an example of:

- A. quality audits
- B. process analysis
- C. statistical sampling
- D. benchmarking

**Answer: A**

**NEW QUESTION 739**

- (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 741**

- (Topic 5)

In a weak matrix, the project managers role is:

- A. part-time
- B. full-time
- C. occasional
- D. unlimited

**Answer:**

A

**NEW QUESTION 746**

- (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 750**

- (Topic 5)

Which of the following is an estimating technique that uses the values of parameters from previous similar projects for estimating the same parameter or measure for a current project?

- A. Reserve analysis
- B. Three-point estimating
- C. Parametric estimating
- D. Analogous estimating

**Answer: D**

**NEW QUESTION 752**

- (Topic 5)

What is the number of stakeholders, if the project has 28 potential communication channels?

- A. 7
- B. 8
- C. 14
- D. 16

**Answer: B**

**NEW QUESTION 755**

- (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 759**

- (Topic 5)

Lessons learned documentation is gathered during which of the following Project Management Process Groups?

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

**Answer: C**

**NEW QUESTION 760**

- (Topic 5)

Which is the correct formula for calculating expected activity cost for three-point estimating?

- A.  $C_e = (C_0 + 6C_m + C_p)/4$
- B.  $C_e = (6C_0 + C_m + C_p)/4$
- C.  $C_e = (C_0 + 4C_m + C_p)/6$
- D.  $C_e = (C_0 + C_m + 4C_p) / 6$

**Answer: C**

**NEW QUESTION 763**

- (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 766**

- (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 767**

- (Topic 5)

What type of reward can hurt team cohesiveness?

- A. Sole-sum
- B. Win-lose
- C. Lose-win
- D. Partial-sum

**Answer: B**

**NEW QUESTION 769**

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