



# **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)

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 3

- (Topic 1)

Which type of tool would be used for the quality planning activity?

- A. Schedule Analysis
- B. Checklist Analysis
- C. Assumption Analysis
- D. Cost-Benefit Analysis

**Answer: D**

#### NEW QUESTION 4

- (Topic 1)

The ability to influence cost is greatest during which stages of the project?

- A. Early
- B. Middle
- C. Late
- D. Completion

**Answer: A**

#### NEW QUESTION 5

- (Topic 1)

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

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

**Answer: A**

#### NEW QUESTION 6

- (Topic 1)

Monte Carlo is which type of risk analysis technique?

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

**Answer: B**

#### NEW QUESTION 7

- (Topic 1)

A tool and technique used during the Define Scope process is:

- A. facilitated workshops.
- B. observations.
- C. questionnaires and surveys.
- D. group creativity techniques.

**Answer:** A

**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)

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)

A primary function of a project management office is to support project managers in a variety of ways, including which of the following?

- A. Developing and managing project policies, procedures, templates, and other shared documentation
- B. Acting as the project sponsor by providing financial resources to the project
- C. Resolving issues and change management within a shared governance structure
- D. Aligning organizational/strategic direction that affects project and program goals

**Answer:** A

**NEW QUESTION 10**

- (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 15**

- (Topic 1)

Skills necessary for project management such as motivating to provide encouragement; listening actively; persuading a team to perform an action; and summarizing, recapping, and identifying next steps are known as:

- A. organizational skills
- B. technical skills
- C. communication skills
- D. hard skills

**Answer:** C

**NEW QUESTION 16**

- (Topic 1)

Who is responsible for determining which processes from the Process Groups will be employed and who will be performing them?

- A. Project sponsor and project manager
- B. Project sponsor and functional manager
- C. Project manager and project team
- D. Project team and functional manager

**Answer:** C

**NEW QUESTION 19**

- (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 23**

- (Topic 1)

The component of the human resource management plan that includes ways in which team members can obtain certifications that support their ability to benefit the project is known as:

- A. recognition and rewards
- B. compliance
- C. staff acquisition
- D. training needs

**Answer:** D

**NEW QUESTION 27**

- (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 31**

- (Topic 1)

A risk that arises as a direct result of implementing a risk response is called a:

- A. contingent risk
- B. residual risk
- C. potential risk
- D. secondary risk

**Answer:** D

**NEW QUESTION 34**

- (Topic 1)

Plan Communications Management develops an approach and plan for project communications based on stakeholders' needs and requirements and:

- A. Available organizational assets
- B. Project staff assignments
- C. Interpersonal skills
- D. Enterprise environmental factors

**Answer:** A

**NEW QUESTION 39**

- (Topic 1)

Which Process Group contains those processes performed to define a new project?

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

**Answer:** A

**NEW QUESTION 41**

- (Topic 1)

Projects that share common outcomes, collective capability, knowledge, or skills are often grouped into a:

- A. portfolio
- B. program
- C. selection
- D. sub portfolio

**Answer:** B

**NEW QUESTION 42**

- (Topic 1)

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

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

**Answer: B**

**NEW QUESTION 46**

- (Topic 1)

Which process is usually a rapid and cost-effective means of establishing priorities for Plan Risk Responses?

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

**Answer: C**

**NEW QUESTION 47**

- (Topic 1)

Which is an output of the Collect Requirements process?

- A. Requirements traceability matrix
- B. Project scope statement
- C. WBS dictionary
- D. Work performance measurements

**Answer: A**

**NEW QUESTION 50**

- (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 52**

- (Topic 1)

What type of project structure is a hierarchically organized depiction of the resources by type?

- A. Organizational breakdown structure (OBS)
- B. Resource breakdown structure (RBS)
- C. Work breakdown structure (WBS)
- D. Project breakdown structure (PBS)

**Answer: B**

**NEW QUESTION 57**

- (Topic 1)

The Verify Scope process is primarily concerned with:

- A. formalizing acceptance of the completed project deliverables.
- B. accuracy of the work deliverables.
- C. formalizing approval of the scope statement.
- D. accuracy of the work breakdown structure (WBS).

**Answer: A**

**NEW QUESTION 62**

- (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 67**

- (Topic 1)

The Define Scope process is in which of the following Process Groups?

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

**Answer: B**

**NEW QUESTION 69**

- (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 72**

- (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 75**

- (Topic 1)

Which stakeholder approves a project's result?

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

**Answer: A**

**NEW QUESTION 76**

- (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 80**

- (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 84**

- (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 85**

- (Topic 1)

Which input to the Plan Risk Management process provides information on high-level risks?

- A. Project charter
- B. Enterprise environmental factors
- C. Stakeholder register
- D. Organizational process assets

**Answer: A**

#### NEW QUESTION 87

- (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 88

- (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 92

- (Topic 1)

A project's 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 97

- (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 101

- (Topic 1)

Inputs to Identifying Stakeholders include:

- A. Project charter, procurement documents, enterprise environmental factors, and organizational process assets.
- B. Project charter, stakeholder analysis, enterprise environmental factors, and organizational process assets.
- C. Project charter, stakeholder analysis, enterprise environmental factors, and stakeholder management strategy.
- D. Project charter, procurement documents, expert judgment, and organizational process assets.

**Answer: A**

#### NEW QUESTION 105

- (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 109

- (Topic 1)

Which Collect Requirements output links the product requirements to the deliverables that satisfy them?

- A. Requirements documentation
- B. Requirements traceability matrix
- C. Project management plan updates
- D. Project documents updates

**Answer: B**

#### NEW QUESTION 110

- (Topic 1)

A project lifecycle is defined as:

- A. a collection of generally sequential and sometimes overlapping project phases.
- B. a process required to ensure that the project includes all the work required, and only the work required, to complete the project successfully.
- C. a recognized standard for the project management profession.
- D. the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements.

**Answer: A**

#### NEW QUESTION 115

- (Topic 1)

Which of the following includes how requirements activities will be planned, tracked, and reported?

- A. Configuration management plan
- B. Scope baseline
- C. Requirements management plan
- D. Schedule baseline

**Answer: C**

#### NEW QUESTION 118

- (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 121

- (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 122

- (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 125

- (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 128**

- (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 130**

- (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 135**

- (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 140**

- (Topic 1)

The Cost Management processes and their associated tools and techniques are usually selected during which of the following?

- A. Project finance management
- B. Project cost estimation
- C. Project life cycle definition
- D. Project plan development

**Answer: C**

**NEW QUESTION 143**

- (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 145**

- (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 147**

- (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 152**

- (Topic 2)

One of the key benefits of the Plan Human Resource Management process is that it:

- A. outlines team selection guidelines and team member responsibilities.
- B. establishes project roles and responsibilities.
- C. improves teamwork, interpersonal skills, and competencies.
- D. provides an accurate appraisal of team member performance.

**Answer: B**

**NEW QUESTION 156**

- (Topic 2)

In a project, total float measures the:

- A. Ability to shuffle schedule activities to lessen the duration of the project.
- B. Amount of time an activity can be extended or delayed without altering the project finish date.
- C. Cost expended to restore order to the project schedule after crashing the schedule.
- D. Estimate of the total resources needed for the project after performing a forward pass.

**Answer: B**

**NEW QUESTION 157**

- (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 161**

- (Topic 2)

During project selection, which factor is most important?

- A. Types of constraints
- B. Internal business needs
- C. Budget
- D. Schedule

**Answer: B**

**NEW QUESTION 162**

- (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 166**

- (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 171**

- (Topic 2)

A project team attempts to produce a deliverable and finds that they have neither the expertise nor the time to complete the deliverable in a timely manner. This issue could have been avoided if they had created and followed a:

- A. risk management plan

- B. human resource management plan
- C. scope management plan
- D. procurement management plan

**Answer: D**

**NEW QUESTION 173**

- (Topic 2)

At which stage of the project should certain factors such as the unavailability of human resources due to constraint be considered?

- A. Initiation
- B. Execution
- C. Planning
- D. Monitoring and Controlling

**Answer: C**

**NEW QUESTION 175**

- (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 177**

- (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 182**

- (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 184**

- (Topic 2)

The lowest level normally depicted in a work breakdown structure (WBS) is called a/an:

- A. work package
- B. deliverable
- C. milestone
- D. activity

**Answer: A**

**NEW QUESTION 188**

- (Topic 2)

Project Scope Management is primarily concerned with:

- A. Developing a detailed description of the project and product.
- B. Determining how requirements will be analyzed, documented, and managed.
- C. Defining and controlling what is and is not included in the project.
- D. Formalizing acceptance of the completed project deliverables.

**Answer: C**

**NEW QUESTION 189**

- (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 190**

- (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 192**

- (Topic 2)

Which project document is updated in the Control Stakeholder Engagement process?

- A. Project reports
- B. Issue log
- C. Lessons learned documentation
- D. Work performance information

**Answer: B**

#### **NEW QUESTION 195**

- (Topic 2)

Which of the following is an output of the Information Distribution Process?

- A. Project calendar
- B. Communication management plan
- C. Requested changes
- D. Communication requirement plan

**Answer: C**

#### **NEW QUESTION 198**

- (Topic 2)

The progressive detailing of the project management plan is called:

- A. expert judgment.
- B. rolling wave planning.
- C. work performance information.
- D. specification.

**Answer: B**

#### **NEW QUESTION 202**

- (Topic 2)

Which Knowledge Area is concerned with the processes required to ensure timely and appropriate generation, collection, distribution, storage, retrieval, and ultimate disposition of project information?

- A. Project Integration Management
- B. Project Communications Management
- C. Project Information Management System (PIMS)
- D. Project Scope Management

**Answer: B**

#### **NEW QUESTION 204**

- (Topic 2)

Progressively elaborating high-level information into detailed plans is performed by the:

- A. project management office
- B. portfolio manager
- C. program manager
- D. project manager

**Answer: D**

**NEW QUESTION 209**

- (Topic 2)

Which process involves subdividing project deliverables and project work into smaller, more manageable portions?

- A. Develop Schedule
- B. Create WBS
- C. Estimate Activity Resources
- D. Define Scope

**Answer: B**

**NEW QUESTION 211**

- (Topic 2)

Payback period, return on investment, internal rate of return, discounted cash flow, and net present value are all examples of:

- A. Expert judgment.
- B. Analytical techniques.
- C. Earned value management.
- D. Group decision-making techniques.

**Answer: B**

**NEW QUESTION 213**

- (Topic 2)

Units of measure, level of precision, level of accuracy, control thresholds, and rules of performance measurement are examples of items that are established in the:

- A. Cost management plan.
- B. Work performance information.
- C. Quality management plan.
- D. Work breakdown structure.

**Answer: A**

**NEW QUESTION 217**

- (Topic 2)

A required input for Create WBS is a project:

- A. quality plan.
- B. schedule network.
- C. management document update.
- D. scope statement.

**Answer: D**

**NEW QUESTION 221**

- (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 226**

- (Topic 2)

During which process group is the quality policy determined?

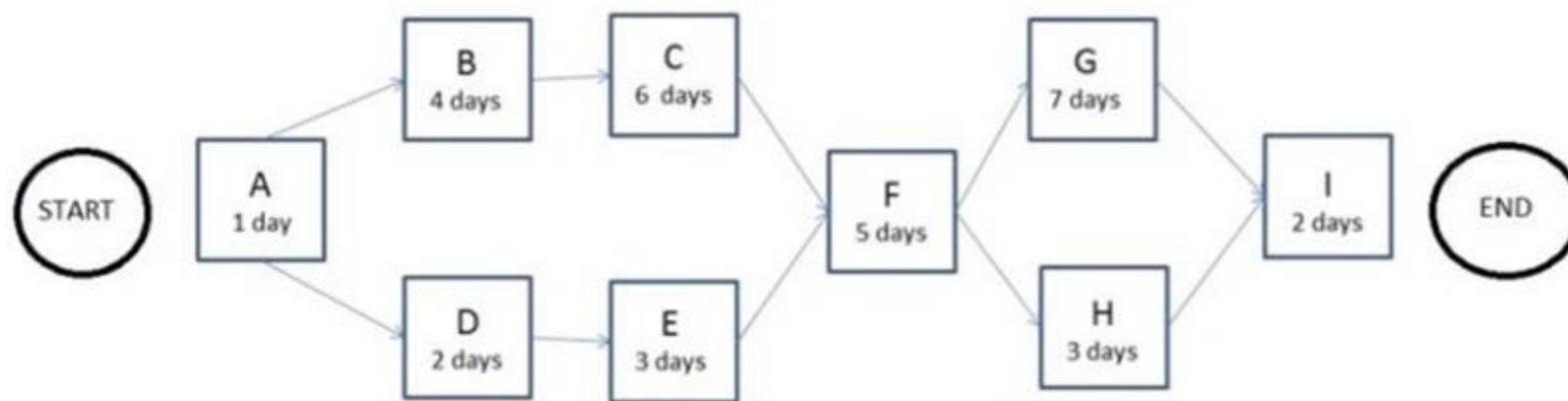
- A. Initiating
- B. Executing
- C. Planning
- D. Controlling

**Answer: C**

**NEW QUESTION 227**

- (Topic 2)

The following is a network diagram for a project.



The free float for Activity H is how many days?

- A. 4
- B. 5
- C. 10
- D. 11

**Answer: A**

**NEW QUESTION 231**

- (Topic 2)

You are assigned to implement the project control plan. What should you do to ensure the plan is effective and current?

- A. Perform 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 235**

- (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 238**

- (Topic 2)

An input used in developing the communications management plan is:

- A. Communication models.
- B. Enterprise environmental factors.
- C. Organizational communications,
- D. Organizational cultures and styles.

**Answer: B**

**NEW QUESTION 239**

- (Topic 2)

Which tool or technique can a project manager use to select in advance a team member who will be crucial to the task?

- A. Acquisition
- B. Negotiation
- C. Virtual team
- D. Pre-assignment

**Answer: D**

**NEW QUESTION 243**

- (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 244**

- (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 247**

- (Topic 2)

Which document includes the project scope, major deliverables, assumptions, and constraints?

- A. Project charter
- B. Project scope statement
- C. Scope management plan
- D. Project document updates

**Answer: B**

**NEW QUESTION 252**

- (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 253**

- (Topic 2)

In the basic communication model, which term refers to the method that is used to convey the message?

- A. Decode
- B. Encode
- C. Medium
- D. Noise

**Answer: C**

**NEW QUESTION 256**

- (Topic 2)

Which tool is used to develop technical details within the project management plan?

- A. Expert judgment
- B. Project management methodology
- C. Project management information system (PMIS)
- D. Project selection methods

**Answer: A**

**NEW QUESTION 261**

- (Topic 2)

Which process determines the risks that may affect the project and documents their characteristics?

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

**Answer: D**

**NEW QUESTION 262**

- (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. Salience model

**Answer: A**

**NEW QUESTION 267**

- (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 271**

- (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 274**

- (Topic 2)

Which is an output from Distribute Information?

- A. Earned value analysis
- B. Trend analysis
- C. Project records
- D. Performance reviews

**Answer: C**

**NEW QUESTION 276**

- (Topic 2)

Requirements documentation will typically contain at least:

- A. Stakeholder requirements, staffing requirements, and transition requirements.
- B. Business requirements, the stakeholder register, and functional requirements.
- C. Stakeholder impact, budget requirements, and communications requirements.
- D. Business objectives, stakeholder impact, and functional requirements.

**Answer: D**

**NEW QUESTION 279**

- (Topic 2)

Which Define Activities tool or technique is used for dividing and subdividing the project scope and project deliverables into smaller, more manageable parts?

- A. Decomposition
- B. Inspection
- C. Project analysis
- D. Document analysis

**Answer: A**

**NEW QUESTION 283**

- (Topic 2)

Inputs to the Plan Risk Management process include the:

- A. cost management plan.
- B. risk management plan,
- C. activity list,
- D. risk register.

**Answer: D**

**NEW QUESTION 286**

- (Topic 2)

Sending letters, memos, reports, emails, and faxes to share information is an example of which type of communication?

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

**Answer:** D

**NEW QUESTION 289**

- (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 292**

- (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 295**

- (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 299**

- (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 304**

- (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 308**

- (Topic 3)

Which of the following is a tool and technique used in all processes within Project Integration Management?

- A. Records management system
- B. Expert judgment
- C. Project management software
- D. Issue log

**Answer:** B

**NEW QUESTION 309**

- (Topic 3)

A tool or technique used in the Control Procurements process is:

- A. Expert judgment.

- B. Performance reporting.
- C. Bidder conferences.
- D. Reserve analysis.

**Answer: B**

**NEW QUESTION 310**

- (Topic 3)

After Define Activities and Sequence Activities, the next process is:

- A. Estimate Activity Resources.
- B. Estimate Activity Durations,
- C. Develop Schedule.
- D. Control Schedule.

**Answer: A**

**NEW QUESTION 314**

- (Topic 3)

The most commonly used type of precedence relationship in the precedence diagramming method (PDM) is:

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

**Answer: C**

**NEW QUESTION 316**

- (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 321**

- (Topic 3)

The number of potential communication channels for a project with 5 stakeholders is:

- A. 10.
- B. 12.
- C. 20.
- D. 24.

**Answer: A**

**NEW QUESTION 326**

- (Topic 3)

Which type of elaboration allows a project management team to manage at a greater level of detail as the project evolves?

- A. Cyclic
- B. Progressive
- C. Repetitive
- D. Iterative

**Answer: B**

**NEW QUESTION 330**

- (Topic 3)

Which of the following is an example of schedule compression?

- A. Activity sequencing
- B. Resource leveling
- C. Lead and lag adjusting
- D. Crashing

**Answer: D**

**NEW QUESTION 334**

- (Topic 3)

Which Process Group typically consumes the bulk of a project's budget?

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

**Answer: B**

**NEW QUESTION 336**

- (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 338**

- (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 341**

- (Topic 3)

Typical outcomes of a project include:

- A. Products, services, and improvements.
- B. Products, programs, and services.
- C. Improvements, portfolios, and services.
- D. Improvements, processes, and products.

**Answer: A**

**NEW QUESTION 346**

- (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 351**

- (Topic 3)

How many Project Management Process Groups are there?

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

**Answer: C**

**NEW QUESTION 352**

- (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 355**

- (Topic 3)

What is the lowest level in the Work Breakdown Structure called?

- A. Work Packages
- B. Activities
- C. Schedules
- D. Tasks

**Answer:** A

**NEW QUESTION 357**

- (Topic 3)

Decomposition, rolling wave planning, and templates are all tools and techniques for which of the following?

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

**Answer:** A

**NEW QUESTION 361**

- (Topic 3)

Which document describes the procurement item in sufficient detail to allow prospective sellers to determine if they are capable of providing the products, services, or results?

- A. Procurement management plan
- B. Procurement statement of work
- C. Request for proposal
- D. Request for quote

**Answer:** B

**NEW QUESTION 365**

- (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 368**

- (Topic 3)

In a typical project, project managers spend most of their time:

- A. Estimating
- B. Scheduling
- C. Controlling
- D. Communicating

**Answer:** D

**NEW QUESTION 369**

- (Topic 3)

Which defines the portion of work included in a contract for items being purchased or acquired?

- A. Procurement management plan
- B. Evaluation criteria
- C. Work breakdown structure
- D. Procurement statement of work

**Answer:** D

**NEW QUESTION 374**

- (Topic 3)

What's budget?

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

**Answer:** C

#### NEW QUESTION 378

- (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 379

- (Topic 3)

Outputs from constituent processes might be used as:

- A. Inputs to other processes.
- B. Proof of process completion.
- C. Identification of project tasks.
- D. Indicators to eliminate project redundancies.

**Answer: A**

#### NEW QUESTION 380

- (Topic 3)

Which of the following are inputs to the Plan Procurements process?

- A. Risk register, scope baseline, enterprise environmental factors, organizational process assets, project schedule
- B. Risk register, scope baseline, make-or-buy decisions, organizational process assets, project schedule
- C. Project management plan, qualified seller list, contract, enterprise environmental factors, teaming agreements
- D. Project management plan, qualified seller list, contract, make-or-buy decisions, teaming agreements

**Answer: A**

#### NEW QUESTION 383

- (Topic 3)

The Perform Quality Assurance process occurs in which Process Group?

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

**Answer: A**

#### NEW QUESTION 384

- (Topic 3)

The traditional organization chart structure that can be used to show positions and relationships in a graphic top-down format is called a:

- A. Responsible, accountable, consult, and inform (RACI) chart.
- B. Matrix-based chart.
- C. Human resource chart.
- D. Hierarchical-type chart.

**Answer: D**

#### NEW QUESTION 388

- (Topic 3)

Which of the following techniques is used during Control Scope?

- A. Cost-benefit analysis
- B. Variance analysis
- C. Reserve analysis
- D. Stakeholder analysis

**Answer: B**

#### NEW QUESTION 389

- (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 392**

- (Topic 3)

Which process involves identifying and documenting the logical relationships between project activities?

- A. Develop Schedule
- B. Sequence Activities
- C. Create WBS
- D. Applying leads and lags

**Answer: B**

**NEW QUESTION 394**

- (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 399**

- (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 403**

- (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 406**

- (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 409**

- (Topic 3)

Which tool and technique is used in Conduct Procurements?

- A. Teaming agreements
- B. Expert judgment
- C. Bidder conferences
- D. Contract types

**Answer: C**

**NEW QUESTION 412**

- (Topic 3)

Which tool within the Perform Quality Control process identifies whether or not a process has a predictable performance?

- A. Cause and effect diagram
- B. Control charts
- C. Pareto chart
- D. Histogram

**Answer:**

B

**NEW QUESTION 415**

- (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 419**

- (Topic 3)

Which process group contains the processes performed to finalize all activities?

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

**Answer:** D

**NEW QUESTION 420**

- (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 425**

- (Topic 3)

Variance and trend analysis is a tool and technique used in which process?

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

**Answer:** C

**NEW QUESTION 427**

- (Topic 3)

For a stakeholder with low interest and high power, the project manager should:

- A. Monitor the stakeholder.
- B. Manage the stakeholder closely.
- C. Keep the stakeholder satisfied.
- D. Keep the stakeholder informed.

**Answer:** C

#### NEW QUESTION 432

- (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 436

- (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 437

- (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 442

- (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 446

- (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 447

- (Topic 4)

Which schedule network analysis 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 452

- (Topic 4)

The purpose of the Project Communications Management Knowledge Area is to:

- A. Monitor and control communications throughout the entire project life cycle.
- B. Maintain an optimal flow of information among all project participants.
- C. Develop an appropriate approach for project communications.
- D. Ensure timely and appropriate collection of project information.

**Answer:**

D

**NEW QUESTION 457**

- (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 461**

- (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 463**

- (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 467**

- (Topic 4)

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

Task	PV	AC	EV
1	10,000	10,000	10,000
2	10,000	8,000	10,000
3	10,000	8,000	8,000
4	9,000	12,000	10,000
5	10,000	12,000	12,000
6	10,000	10,000	12,000
7	12,000	12,000	10,000
8	10,000	8,000	9,000
9	12,000	10,000	11,000

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 472**

- (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 474**

- (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 478**

- (Topic 4)

Success is measured by benefits realization for a:

- A. strategic plan
- B. project

- C. portfolio
- D. program

**Answer:** D

**NEW QUESTION 482**

- (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 483**

- (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 486**

- (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 489**

- (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 492**

- (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 493**

- (Topic 4)

Activity cost estimates and the project schedule are inputs to which Project Cost Management process?

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

**Answer:** D

**NEW QUESTION 498**

- (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 503

- (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 506

- (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 508

- (Topic 4)

The key benefit of the Monitoring and Controlling Process Group is the ability to:

- A. establish and manage project communication channels, both external and internal to the project team.
- B. influence the stakeholders that want to circumvent integrated change control so that their changes are implemented.
- C. monitor the ongoing project team against the team performance assessments and the project performance baseline.
- D. observe and measure project performance regularly and consistently to identify variances from the project management plan.

**Answer:** D

#### NEW QUESTION 513

- (Topic 4)

Which standard examines an enterprise's project management process capabilities?

- A. PMBOK Guide
- B. The Standard for Program Management
- C. Organizational Project Management Maturity Model "OPMJ"
- D. The Standard for Portfolio Management

**Answer:** C

#### NEW QUESTION 517

- (Topic 4)

An element of the modern quality management approach used to achieve compatibility with the International Organization for Standardization (ISO) is known as:

- A. Forecasting,
- B. Brainstorming.
- C. Historical databases.
- D. Cost of quality.

**Answer:** D

#### NEW QUESTION 519

- (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 523

- (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 528**

- (Topic 4)

Which technique is utilized in the Schedule Control process?

- A. Performance Measure
- B. Baseline Schedule
- C. Schedule Comparison
- D. Variance Analysis

**Answer: D**

**NEW QUESTION 532**

- (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 536**

- (Topic 4)

Which type of estimating can produce higher levels of accuracy, depending upon the sophistication and underlying data built into the model?

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

**Answer: C**

**NEW QUESTION 539**

- (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 541**

- (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 546**

- (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 551

- (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 552

- (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 555

- (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 559

- (Topic 4)

Control charts, flowcharting, histograms, Pareto charts, and scatter diagrams are tools and techniques of which process?

- A. Perform Quality Control
- B. Perform Quality Assurance
- C. Plan Quality
- D. Report Performance

**Answer: A**

#### NEW QUESTION 560

- (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 561

- (Topic 4)

Which knowledge area employs the processes required to ensure timely and appropriate generation, collection, distribution, storage, retrieval, and ultimate disposition of project information?

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

**Answer: C**

#### NEW QUESTION 564

- (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 569**

- (Topic 4)

A logical relationship in which a successor activity cannot start until a predecessor activity has finished is known as:

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

**Answer: C**

**NEW QUESTION 571**

- (Topic 5)

At the completion of a project, a report is prepared that details the outcome of the research conducted on a global trend during the project. Which item did this project create?

- A. Result
- B. Product
- C. Service
- D. Improvement

**Answer: A**

**NEW QUESTION 572**

- (Topic 5)

When is a project finished?

- A. After verbal acceptance of the customer or sponsor
- B. After lessons learned have been documented in contract closure
- C. When the project objectives have been met
- D. After resources have been released

**Answer: C**

**NEW QUESTION 576**

- (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 581**

- (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 585**

- (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 587**

- (Topic 5)

What do composite organizations involve?

- A. Functional and project managers
- B. Functional managers only

- C. Project managers only
- D. Technical managers and project managers

**Answer:** A

**NEW QUESTION 588**

- (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 589**

- (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 593**

- (Topic 5)

Which Knowledge Areas include processes from the Closing Process Group?

- A. Project Quality Management and Project Time Management
- B. Project Scope Management and Project Risk Management
- C. Project Stakeholder Management and Project Cost Management
- D. Project Integration Management and Project Procurement Management

**Answer:** D

**NEW QUESTION 594**

- (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 597**

- (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 599**

- (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 600**

- (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 605**

- (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 610**

- (Topic 5)

Which degree of authority does a project manager have on a project in a strong matrix organizational structure?

- A. Limited
- B. Low to moderate
- C. Moderate to high
- D. High to almost total

**Answer: C**

**NEW QUESTION 615**

- (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 616**

- (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 620**

- (Topic 5)

The procurement process that documents agreements and related documentation for future reference is known as:

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

**Answer: C**

**NEW QUESTION 624**

- (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 626**

- (Topic 5)

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

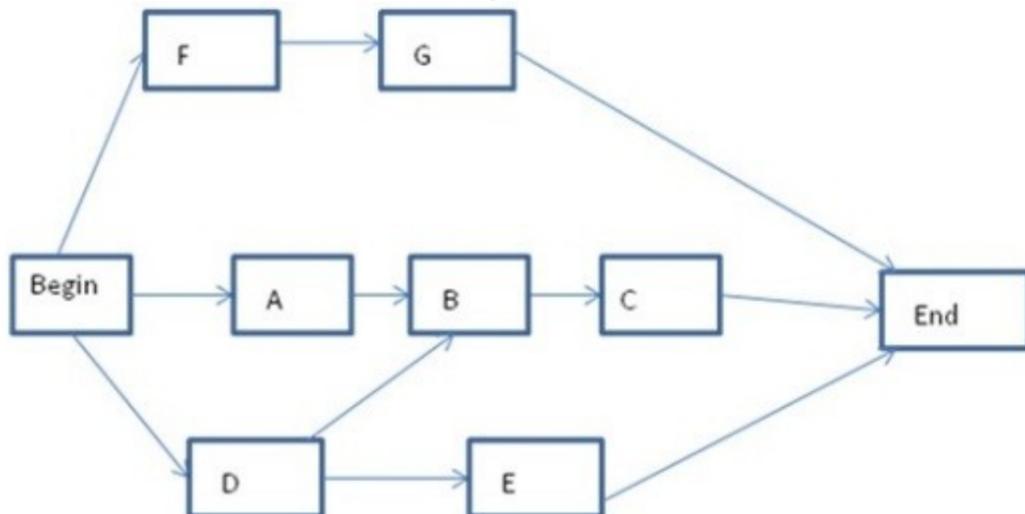
- A.  $C_e = (C_0 + 6C_m + C_p)/4$
- B.  $C_e = (6C_0 + C_m + C_p)/4$
- C.  $C_e = (C_0 + 4C_m + C_p)/6$
- D.  $C_e = (C_0 + C_m + 4C_p) / 6$

**Answer: C**

**NEW QUESTION 631**

- (Topic 5)

Exhibit A is an example of which of the following types of Sequence Activities?



**Exhibit A**

- A. Activity-on-arrow diagramming
- B. Precedence diagramming
- C. Project schedule network diagramming
- D. Mathematical analysis diagramming

**Answer: B**

**NEW QUESTION 635**

- (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 639**

- (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 642**

- (Topic 5)

The cost benefit analysis tool is used for creating:

- A. Pareto charts.
- B. quality metrics.
- C. change requests,
- D. Ishikawa diagrams.

**Answer: B**

**NEW QUESTION 644**

- (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 645**

- (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 648**

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## About ExamBible

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#### 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)

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 3

- (Topic 1)

Which type of tool would be used for the quality planning activity?

- A. Schedule Analysis
- B. Checklist Analysis
- C. Assumption Analysis
- D. Cost-Benefit Analysis

**Answer: D**

#### NEW QUESTION 4

- (Topic 1)

The ability to influence cost is greatest during which stages of the project?

- A. Early
- B. Middle
- C. Late
- D. Completion

**Answer: A**

#### NEW QUESTION 5

- (Topic 1)

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

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

**Answer: A**

#### NEW QUESTION 6

- (Topic 1)

Monte Carlo is which type of risk analysis technique?

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

**Answer: B**

#### NEW QUESTION 7

- (Topic 1)

A tool and technique used during the Define Scope process is:

- A. facilitated workshops.
- B. observations.
- C. questionnaires and surveys.
- D. group creativity techniques.

**Answer:** A

**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)

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)

A primary function of a project management office is to support project managers in a variety of ways, including which of the following?

- A. Developing and managing project policies, procedures, templates, and other shared documentation
- B. Acting as the project sponsor by providing financial resources to the project
- C. Resolving issues and change management within a shared governance structure
- D. Aligning organizational/strategic direction that affects project and program goals

**Answer:** A

**NEW QUESTION 10**

- (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 15**

- (Topic 1)

Skills necessary for project management such as motivating to provide encouragement; listening actively; persuading a team to perform an action; and summarizing, recapping, and identifying next steps are known as:

- A. organizational skills
- B. technical skills
- C. communication skills
- D. hard skills

**Answer:** C

**NEW QUESTION 16**

- (Topic 1)

Who is responsible for determining which processes from the Process Groups will be employed and who will be performing them?

- A. Project sponsor and project manager
- B. Project sponsor and functional manager
- C. Project manager and project team
- D. Project team and functional manager

**Answer:** C

**NEW QUESTION 19**

- (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 23**

- (Topic 1)

The component of the human resource management plan that includes ways in which team members can obtain certifications that support their ability to benefit the project is known as:

- A. recognition and rewards
- B. compliance
- C. staff acquisition
- D. training needs

**Answer:** D

**NEW QUESTION 27**

- (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 31**

- (Topic 1)

A risk that arises as a direct result of implementing a risk response is called a:

- A. contingent risk
- B. residual risk
- C. potential risk
- D. secondary risk

**Answer:** D

**NEW QUESTION 34**

- (Topic 1)

Plan Communications Management develops an approach and plan for project communications based on stakeholders' needs and requirements and:

- A. Available organizational assets
- B. Project staff assignments
- C. Interpersonal skills
- D. Enterprise environmental factors

**Answer:** A

**NEW QUESTION 39**

- (Topic 1)

Which Process Group contains those processes performed to define a new project?

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

**Answer:** A

**NEW QUESTION 41**

- (Topic 1)

Projects that share common outcomes, collective capability, knowledge, or skills are often grouped into a:

- A. portfolio
- B. program
- C. selection
- D. sub portfolio

**Answer:** B

**NEW QUESTION 42**

- (Topic 1)

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

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

**Answer: B**

**NEW QUESTION 46**

- (Topic 1)

Which process is usually a rapid and cost-effective means of establishing priorities for Plan Risk Responses?

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

**Answer: C**

**NEW QUESTION 47**

- (Topic 1)

Which is an output of the Collect Requirements process?

- A. Requirements traceability matrix
- B. Project scope statement
- C. WBS dictionary
- D. Work performance measurements

**Answer: A**

**NEW QUESTION 50**

- (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 52**

- (Topic 1)

What type of project structure is a hierarchically organized depiction of the resources by type?

- A. Organizational breakdown structure (OBS)
- B. Resource breakdown structure (RBS)
- C. Work breakdown structure (WBS)
- D. Project breakdown structure (PBS)

**Answer: B**

**NEW QUESTION 57**

- (Topic 1)

The Verify Scope process is primarily concerned with:

- A. formalizing acceptance of the completed project deliverables.
- B. accuracy of the work deliverables.
- C. formalizing approval of the scope statement.
- D. accuracy of the work breakdown structure (WBS).

**Answer: A**

**NEW QUESTION 62**

- (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 67**

- (Topic 1)

The Define Scope process is in which of the following Process Groups?

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

**Answer: B**

**NEW QUESTION 69**

- (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 72**

- (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 75**

- (Topic 1)

Which stakeholder approves a project's result?

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

**Answer: A**

**NEW QUESTION 76**

- (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 80**

- (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 84**

- (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 85**

- (Topic 1)

Which input to the Plan Risk Management process provides information on high-level risks?

- A. Project charter
- B. Enterprise environmental factors
- C. Stakeholder register
- D. Organizational process assets

**Answer: A**

#### NEW QUESTION 87

- (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 88

- (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 92

- (Topic 1)

A project's 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 97

- (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 101

- (Topic 1)

Inputs to Identifying Stakeholders include:

- A. Project charter, procurement documents, enterprise environmental factors, and organizational process assets.
- B. Project charter, stakeholder analysis, enterprise environmental factors, and organizational process assets.
- C. Project charter, stakeholder analysis, enterprise environmental factors, and stakeholder management strategy.
- D. Project charter, procurement documents, expert judgment, and organizational process assets.

**Answer: A**

#### NEW QUESTION 105

- (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 109

- (Topic 1)

Which Collect Requirements output links the product requirements to the deliverables that satisfy them?

- A. Requirements documentation
- B. Requirements traceability matrix
- C. Project management plan updates
- D. Project documents updates

**Answer: B**

#### NEW QUESTION 110

- (Topic 1)

A project lifecycle is defined as:

- A. a collection of generally sequential and sometimes overlapping project phases.
- B. a process required to ensure that the project includes all the work required, and only the work required, to complete the project successfully.
- C. a recognized standard for the project management profession.
- D. the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements.

**Answer: A**

#### NEW QUESTION 115

- (Topic 1)

Which of the following includes how requirements activities will be planned, tracked, and reported?

- A. Configuration management plan
- B. Scope baseline
- C. Requirements management plan
- D. Schedule baseline

**Answer: C**

#### NEW QUESTION 118

- (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 121

- (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 122

- (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 125

- (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 128**

- (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 130**

- (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 135**

- (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 140**

- (Topic 1)

The Cost Management processes and their associated tools and techniques are usually selected during which of the following?

- A. Project finance management
- B. Project cost estimation
- C. Project life cycle definition
- D. Project plan development

**Answer: C**

**NEW QUESTION 143**

- (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 145**

- (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 147**

- (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 152**

- (Topic 2)

One of the key benefits of the Plan Human Resource Management process is that it:

- A. outlines team selection guidelines and team member responsibilities.
- B. establishes project roles and responsibilities.
- C. improves teamwork, interpersonal skills, and competencies.
- D. provides an accurate appraisal of team member performance.

Answer: B

**NEW QUESTION 156**

- (Topic 2)

In a project, total float measures the:

- A. Ability to shuffle schedule activities to lessen the duration of the project.
- B. Amount of time an activity can be extended or delayed without altering the project finish date.
- C. Cost expended to restore order to the project schedule after crashing the schedule.
- D. Estimate of the total resources needed for the project after performing a forward pass.

Answer: B

**NEW QUESTION 157**

- (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 161**

- (Topic 2)

During project selection, which factor is most important?

- A. Types of constraints
- B. Internal business needs
- C. Budget
- D. Schedule

Answer: B

**NEW QUESTION 162**

- (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 166**

- (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 171**

- (Topic 2)

A project team attempts to produce a deliverable and finds that they have neither the expertise nor the time to complete the deliverable in a timely manner. This issue could have been avoided if they had created and followed a:

- A. risk management plan

- B. human resource management plan
- C. scope management plan
- D. procurement management plan

**Answer:** D

**NEW QUESTION 173**

- (Topic 2)

At which stage of the project should certain factors such as the unavailability of human resources due to constraint be considered?

- A. Initiation
- B. Execution
- C. Planning
- D. Monitoring and Controlling

**Answer:** C

**NEW QUESTION 175**

- (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 177**

- (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 182**

- (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 184**

- (Topic 2)

The lowest level normally depicted in a work breakdown structure (WBS) is called a/an:

- A. work package
- B. deliverable
- C. milestone
- D. activity

**Answer:** A

**NEW QUESTION 188**

- (Topic 2)

Project Scope Management is primarily concerned with:

- A. Developing a detailed description of the project and product.
- B. Determining how requirements will be analyzed, documented, and managed.
- C. Defining and controlling what is and is not included in the project.
- D. Formalizing acceptance of the completed project deliverables.

**Answer:** C

**NEW QUESTION 189**

- (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 190**

- (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 192**

- (Topic 2)

Which project document is updated in the Control Stakeholder Engagement process?

- A. Project reports
- B. Issue log
- C. Lessons learned documentation
- D. Work performance information

**Answer: B**

#### **NEW QUESTION 195**

- (Topic 2)

Which of the following is an output of the Information Distribution Process?

- A. Project calendar
- B. Communication management plan
- C. Requested changes
- D. Communication requirement plan

**Answer: C**

#### **NEW QUESTION 198**

- (Topic 2)

The progressive detailing of the project management plan is called:

- A. expert judgment.
- B. rolling wave planning.
- C. work performance information.
- D. specification.

**Answer: B**

#### **NEW QUESTION 202**

- (Topic 2)

Which Knowledge Area is concerned with the processes required to ensure timely and appropriate generation, collection, distribution, storage, retrieval, and ultimate disposition of project information?

- A. Project Integration Management
- B. Project Communications Management
- C. Project Information Management System (PIMS)
- D. Project Scope Management

**Answer: B**

#### **NEW QUESTION 204**

- (Topic 2)

Progressively elaborating high-level information into detailed plans is performed by the:

- A. project management office
- B. portfolio manager
- C. program manager
- D. project manager

**Answer: D**

**NEW QUESTION 209**

- (Topic 2)

Which process involves subdividing project deliverables and project work into smaller, more manageable portions?

- A. Develop Schedule
- B. Create WBS
- C. Estimate Activity Resources
- D. Define Scope

**Answer: B**

**NEW QUESTION 211**

- (Topic 2)

Payback period, return on investment, internal rate of return, discounted cash flow, and net present value are all examples of:

- A. Expert judgment.
- B. Analytical techniques.
- C. Earned value management.
- D. Group decision-making techniques.

**Answer: B**

**NEW QUESTION 213**

- (Topic 2)

Units of measure, level of precision, level of accuracy, control thresholds, and rules of performance measurement are examples of items that are established in the:

- A. Cost management plan.
- B. Work performance information.
- C. Quality management plan.
- D. Work breakdown structure.

**Answer: A**

**NEW QUESTION 217**

- (Topic 2)

A required input for Create WBS is a project:

- A. quality plan.
- B. schedule network.
- C. management document update.
- D. scope statement.

**Answer: D**

**NEW QUESTION 221**

- (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 226**

- (Topic 2)

During which process group is the quality policy determined?

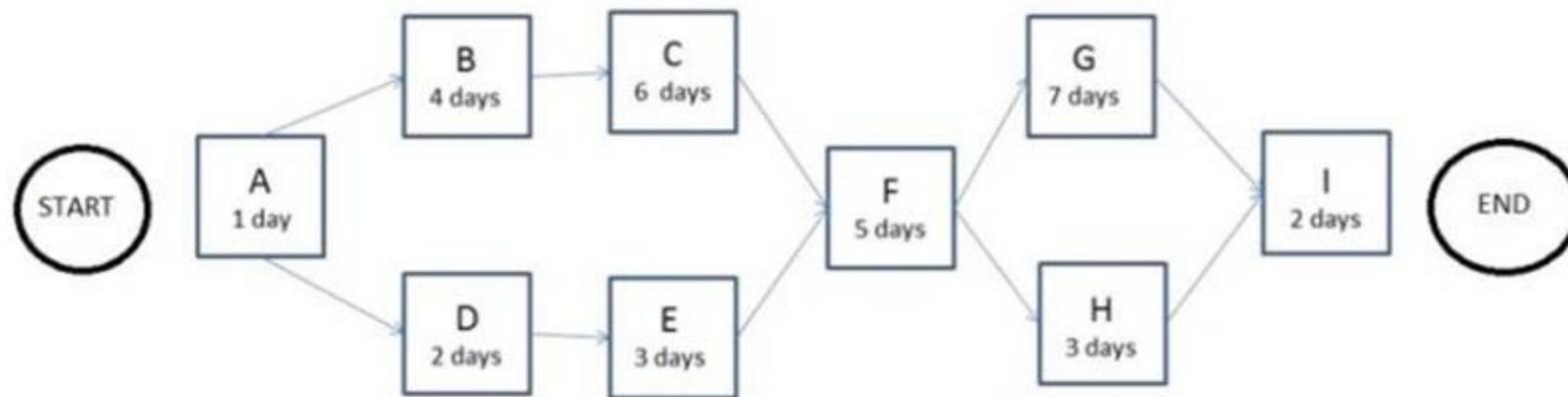
- A. Initiating
- B. Executing
- C. Planning
- D. Controlling

**Answer: C**

**NEW QUESTION 227**

- (Topic 2)

The following is a network diagram for a project.



The free float for Activity H is how many days?

- A. 4
- B. 5
- C. 10
- D. 11

**Answer: A**

**NEW QUESTION 231**

- (Topic 2)

You are assigned to implement the project control plan. What should you do to ensure the plan is effective and current?

- A. Perform 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 235**

- (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 238**

- (Topic 2)

An input used in developing the communications management plan is:

- A. Communication models.
- B. Enterprise environmental factors.
- C. Organizational communications,
- D. Organizational cultures and styles.

**Answer: B**

**NEW QUESTION 239**

- (Topic 2)

Which tool or technique can a project manager use to select in advance a team member who will be crucial to the task?

- A. Acquisition
- B. Negotiation
- C. Virtual team
- D. Pre-assignment

**Answer: D**

**NEW QUESTION 243**

- (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 244

- (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 247

- (Topic 2)

Which document includes the project scope, major deliverables, assumptions, and constraints?

- A. Project charter
- B. Project scope statement
- C. Scope management plan
- D. Project document updates

**Answer: B**

#### NEW QUESTION 252

- (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 253

- (Topic 2)

In the basic communication model, which term refers to the method that is used to convey the message?

- A. Decode
- B. Encode
- C. Medium
- D. Noise

**Answer: C**

#### NEW QUESTION 256

- (Topic 2)

Which tool is used to develop technical details within the project management plan?

- A. Expert judgment
- B. Project management methodology
- C. Project management information system (PMIS)
- D. Project selection methods

**Answer: A**

#### NEW QUESTION 261

- (Topic 2)

Which process determines the risks that may affect the project and documents their characteristics?

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

**Answer: D**

#### NEW QUESTION 262

- (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. Salience model

**Answer: A**

**NEW QUESTION 267**

- (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 271**

- (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 274**

- (Topic 2)

Which is an output from Distribute Information?

- A. Earned value analysis
- B. Trend analysis
- C. Project records
- D. Performance reviews

**Answer: C**

**NEW QUESTION 276**

- (Topic 2)

Requirements documentation will typically contain at least:

- A. Stakeholder requirements, staffing requirements, and transition requirements.
- B. Business requirements, the stakeholder register, and functional requirements.
- C. Stakeholder impact, budget requirements, and communications requirements.
- D. Business objectives, stakeholder impact, and functional requirements.

**Answer: D**

**NEW QUESTION 279**

- (Topic 2)

Which Define Activities tool or technique is used for dividing and subdividing the project scope and project deliverables into smaller, more manageable parts?

- A. Decomposition
- B. Inspection
- C. Project analysis
- D. Document analysis

**Answer: A**

**NEW QUESTION 283**

- (Topic 2)

Inputs to the Plan Risk Management process include the:

- A. cost management plan.
- B. risk management plan,
- C. activity list,
- D. risk register.

**Answer: D**

**NEW QUESTION 286**

- (Topic 2)

Sending letters, memos, reports, emails, and faxes to share information is an example of which type of communication?

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

**Answer:** D

**NEW QUESTION 289**

- (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 292**

- (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 295**

- (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 299**

- (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 304**

- (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 308**

- (Topic 3)

Which of the following is a tool and technique used in all processes within Project Integration Management?

- A. Records management system
- B. Expert judgment
- C. Project management software
- D. Issue log

**Answer:** B

**NEW QUESTION 309**

- (Topic 3)

A tool or technique used in the Control Procurements process is:

- A. Expert judgment.

- B. Performance reporting.
- C. Bidder conferences.
- D. Reserve analysis.

**Answer: B**

**NEW QUESTION 310**

- (Topic 3)

After Define Activities and Sequence Activities, the next process is:

- A. Estimate Activity Resources.
- B. Estimate Activity Durations,
- C. Develop Schedule.
- D. Control Schedule.

**Answer: A**

**NEW QUESTION 314**

- (Topic 3)

The most commonly used type of precedence relationship in the precedence diagramming method (PDM) is:

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

**Answer: C**

**NEW QUESTION 316**

- (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 321**

- (Topic 3)

The number of potential communication channels for a project with 5 stakeholders is:

- A. 10.
- B. 12.
- C. 20.
- D. 24.

**Answer: A**

**NEW QUESTION 326**

- (Topic 3)

Which type of elaboration allows a project management team to manage at a greater level of detail as the project evolves?

- A. Cyclic
- B. Progressive
- C. Repetitive
- D. Iterative

**Answer: B**

**NEW QUESTION 330**

- (Topic 3)

Which of the following is an example of schedule compression?

- A. Activity sequencing
- B. Resource leveling
- C. Lead and lag adjusting
- D. Crashing

**Answer: D**

**NEW QUESTION 334**

- (Topic 3)

Which Process Group typically consumes the bulk of a project's budget?

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

**Answer: B**

**NEW QUESTION 336**

- (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 338**

- (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 341**

- (Topic 3)

Typical outcomes of a project include:

- A. Products, services, and improvements.
- B. Products, programs, and services.
- C. Improvements, portfolios, and services.
- D. Improvements, processes, and products.

**Answer: A**

**NEW QUESTION 346**

- (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 351**

- (Topic 3)

How many Project Management Process Groups are there?

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

**Answer: C**

**NEW QUESTION 352**

- (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 355**

- (Topic 3)

What is the lowest level in the Work Breakdown Structure called?

- A. Work Packages
- B. Activities
- C. Schedules
- D. Tasks

**Answer:** A

**NEW QUESTION 357**

- (Topic 3)

Decomposition, rolling wave planning, and templates are all tools and techniques for which of the following?

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

**Answer:** A

**NEW QUESTION 361**

- (Topic 3)

Which document describes the procurement item in sufficient detail to allow prospective sellers to determine if they are capable of providing the products, services, or results?

- A. Procurement management plan
- B. Procurement statement of work
- C. Request for proposal
- D. Request for quote

**Answer:** B

**NEW QUESTION 365**

- (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 368**

- (Topic 3)

In a typical project, project managers spend most of their time:

- A. Estimating
- B. Scheduling
- C. Controlling
- D. Communicating

**Answer:** D

**NEW QUESTION 369**

- (Topic 3)

Which defines the portion of work included in a contract for items being purchased or acquired?

- A. Procurement management plan
- B. Evaluation criteria
- C. Work breakdown structure
- D. Procurement statement of work

**Answer:** D

**NEW QUESTION 374**

- (Topic 3)

What's budget?

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

**Answer:** C

#### NEW QUESTION 378

- (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 379

- (Topic 3)

Outputs from constituent processes might be used as:

- A. Inputs to other processes.
- B. Proof of process completion.
- C. Identification of project tasks.
- D. Indicators to eliminate project redundancies.

**Answer: A**

#### NEW QUESTION 380

- (Topic 3)

Which of the following are inputs to the Plan Procurements process?

- A. Risk register, scope baseline, enterprise environmental factors, organizational process assets, project schedule
- B. Risk register, scope baseline, make-or-buy decisions, organizational process assets, project schedule
- C. Project management plan, qualified seller list, contract, enterprise environmental factors, teaming agreements
- D. Project management plan, qualified seller list, contract, make-or-buy decisions, teaming agreements

**Answer: A**

#### NEW QUESTION 383

- (Topic 3)

The Perform Quality Assurance process occurs in which Process Group?

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

**Answer: A**

#### NEW QUESTION 384

- (Topic 3)

The traditional organization chart structure that can be used to show positions and relationships in a graphic top-down format is called a:

- A. Responsible, accountable, consult, and inform (RACI) chart.
- B. Matrix-based chart.
- C. Human resource chart.
- D. Hierarchical-type chart.

**Answer: D**

#### NEW QUESTION 388

- (Topic 3)

Which of the following techniques is used during Control Scope?

- A. Cost-benefit analysis
- B. Variance analysis
- C. Reserve analysis
- D. Stakeholder analysis

**Answer: B**

#### NEW QUESTION 389

- (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 392**

- (Topic 3)

Which process involves identifying and documenting the logical relationships between project activities?

- A. Develop Schedule
- B. Sequence Activities
- C. Create WBS
- D. Applying leads and lags

**Answer: B**

**NEW QUESTION 394**

- (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 399**

- (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 403**

- (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 406**

- (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 409**

- (Topic 3)

Which tool and technique is used in Conduct Procurements?

- A. Teaming agreements
- B. Expert judgment
- C. Bidder conferences
- D. Contract types

**Answer: C**

**NEW QUESTION 412**

- (Topic 3)

Which tool within the Perform Quality Control process identifies whether or not a process has a predictable performance?

- A. Cause and effect diagram
- B. Control charts
- C. Pareto chart
- D. Histogram

**Answer:**

B

**NEW QUESTION 415**

- (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 419**

- (Topic 3)

Which process group contains the processes performed to finalize all activities?

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

**Answer: D**

**NEW QUESTION 420**

- (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 425**

- (Topic 3)

Variance and trend analysis is a tool and technique used in which process?

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

**Answer: C**

**NEW QUESTION 427**

- (Topic 3)

For a stakeholder with low interest and high power, the project manager should:

- A. Monitor the stakeholder.
- B. Manage the stakeholder closely.
- C. Keep the stakeholder satisfied.
- D. Keep the stakeholder informed.

**Answer: C**

#### NEW QUESTION 432

- (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 436

- (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 437

- (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 442

- (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 446

- (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 447

- (Topic 4)

Which schedule network analysis 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 452

- (Topic 4)

The purpose of the Project Communications Management Knowledge Area is to:

- A. Monitor and control communications throughout the entire project life cycle.
- B. Maintain an optimal flow of information among all project participants.
- C. Develop an appropriate approach for project communications.
- D. Ensure timely and appropriate collection of project information.

**Answer:**

D

**NEW QUESTION 457**

- (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 461**

- (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 463**

- (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 467**

- (Topic 4)

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

Task	PV	AC	EV
1	10,000	10,000	10,000
2	10,000	8,000	10,000
3	10,000	8,000	8,000
4	9,000	12,000	10,000
5	10,000	12,000	12,000
6	10,000	10,000	12,000
7	12,000	12,000	10,000
8	10,000	8,000	9,000
9	12,000	10,000	11,000

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 472**

- (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 474**

- (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 478**

- (Topic 4)

Success is measured by benefits realization for a:

- A. strategic plan
- B. project

- C. portfolio
- D. program

**Answer:** D

**NEW QUESTION 482**

- (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 483**

- (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 486**

- (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 489**

- (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 492**

- (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 493**

- (Topic 4)

Activity cost estimates and the project schedule are inputs to which Project Cost Management process?

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

**Answer:** D

**NEW QUESTION 498**

- (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 503

- (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 506

- (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 508

- (Topic 4)

The key benefit of the Monitoring and Controlling Process Group is the ability to:

- A. establish and manage project communication channels, both external and internal to the project team.
- B. influence the stakeholders that want to circumvent integrated change control so that their changes are implemented.
- C. monitor the ongoing project team against the team performance assessments and the project performance baseline.
- D. observe and measure project performance regularly and consistently to identify variances from the project management plan.

**Answer:** D

#### NEW QUESTION 513

- (Topic 4)

Which standard examines an enterprise's project management process capabilities?

- A. PMBOK Guide
- B. The Standard for Program Management
- C. Organizational Project Management Maturity Model "OPMJ"
- D. The Standard for Portfolio Management

**Answer:** C

#### NEW QUESTION 517

- (Topic 4)

An element of the modern quality management approach used to achieve compatibility with the International Organization for Standardization (ISO) is known as:

- A. Forecasting,
- B. Brainstorming.
- C. Historical databases.
- D. Cost of quality.

**Answer:** D

#### NEW QUESTION 519

- (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 523

- (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 528**

- (Topic 4)

Which technique is utilized in the Schedule Control process?

- A. Performance Measure
- B. Baseline Schedule
- C. Schedule Comparison
- D. Variance Analysis

**Answer: D**

**NEW QUESTION 532**

- (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 536**

- (Topic 4)

Which type of estimating can produce higher levels of accuracy, depending upon the sophistication and underlying data built into the model?

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

**Answer: C**

**NEW QUESTION 539**

- (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 541**

- (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 546**

- (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 551

- (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 552

- (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 555

- (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 559

- (Topic 4)

Control charts, flowcharting, histograms, Pareto charts, and scatter diagrams are tools and techniques of which process?

- A. Perform Quality Control
- B. Perform Quality Assurance
- C. Plan Quality
- D. Report Performance

**Answer: A**

#### NEW QUESTION 560

- (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 561

- (Topic 4)

Which knowledge area employs the processes required to ensure timely and appropriate generation, collection, distribution, storage, retrieval, and ultimate disposition of project information?

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

**Answer: C**

#### NEW QUESTION 564

- (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 569**

- (Topic 4)

A logical relationship in which a successor activity cannot start until a predecessor activity has finished is known as:

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

**Answer: C**

**NEW QUESTION 571**

- (Topic 5)

At the completion of a project, a report is prepared that details the outcome of the research conducted on a global trend during the project. Which item did this project create?

- A. Result
- B. Product
- C. Service
- D. Improvement

**Answer: A**

**NEW QUESTION 572**

- (Topic 5)

When is a project finished?

- A. After verbal acceptance of the customer or sponsor
- B. After lessons learned have been documented in contract closure
- C. When the project objectives have been met
- D. After resources have been released

**Answer: C**

**NEW QUESTION 576**

- (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 581**

- (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 585**

- (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 587**

- (Topic 5)

What do composite organizations involve?

- A. Functional and project managers
- B. Functional managers only

- C. Project managers only
- D. Technical managers and project managers

**Answer:** A

**NEW QUESTION 588**

- (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 589**

- (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 593**

- (Topic 5)

Which Knowledge Areas include processes from the Closing Process Group?

- A. Project Quality Management and Project Time Management
- B. Project Scope Management and Project Risk Management
- C. Project Stakeholder Management and Project Cost Management
- D. Project Integration Management and Project Procurement Management

**Answer:** D

**NEW QUESTION 594**

- (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 597**

- (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 599**

- (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 600**

- (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 605**

- (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 610**

- (Topic 5)

Which degree of authority does a project manager have on a project in a strong matrix organizational structure?

- A. Limited
- B. Low to moderate
- C. Moderate to high
- D. High to almost total

**Answer: C**

**NEW QUESTION 615**

- (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 616**

- (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 620**

- (Topic 5)

The procurement process that documents agreements and related documentation for future reference is known as:

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

**Answer: C**

**NEW QUESTION 624**

- (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 626**

- (Topic 5)

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

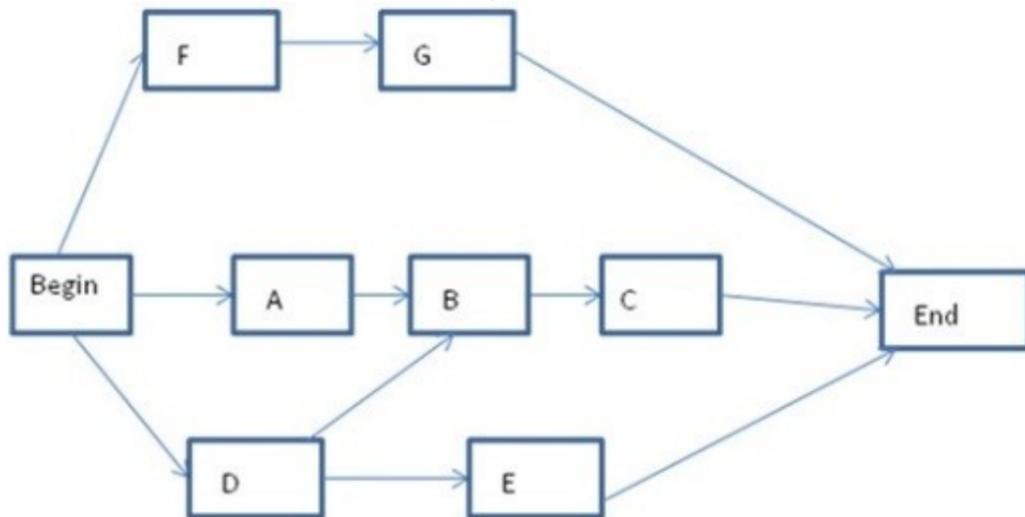
- A.  $C_e = (C_0 + 6C_m + C_p)/4$
- B.  $C_e = (6C_0 + C_m + C_p)/4$
- C.  $C_e = (C_0 + 4C_m + C_p)/6$
- D.  $C_e = (C_0 + C_m + 4C_p) / 6$

**Answer: C**

**NEW QUESTION 631**

- (Topic 5)

Exhibit A is an example of which of the following types of Sequence Activities?



**Exhibit A**

- A. Activity-on-arrow diagramming
- B. Precedence diagramming
- C. Project schedule network diagramming
- D. Mathematical analysis diagramming

**Answer: B**

**NEW QUESTION 635**

- (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 639**

- (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 642**

- (Topic 5)

The cost benefit analysis tool is used for creating:

- A. Pareto charts.
- B. quality metrics.
- C. change requests,
- D. Ishikawa diagrams.

**Answer: B**

**NEW QUESTION 644**

- (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 645**

- (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 648**

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