

Exam Questions PMI-100

CAPM (Certified Associate in Project Management) Exam

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NEW QUESTION 1

- (Topic 1)

Which type of dependency is established based on knowledge of best practices within a particular application area or some unusual aspect of the project in which a specific sequence is desired, even though there may be other acceptable sequences?

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

Answer: D

NEW QUESTION 2

- (Topic 1)

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 3

- (Topic 1)

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 4

- (Topic 1)

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

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

Answer: A

NEW QUESTION 5

- (Topic 1)

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 6

- (Topic 1)

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

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

Answer: C

NEW QUESTION 7

- (Topic 1)

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 8

- (Topic 1)

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 9

- (Topic 1)

Enterprise environmental factors are an input to which process?

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

Answer: C

NEW QUESTION 10

- (Topic 1)

A regression line is used to estimate:

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

Answer: B

NEW QUESTION 10

- (Topic 1)

An input to Conduct Procurements is:

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

Answer: C

NEW QUESTION 14

- (Topic 1)

The process of establishing the policies, procedures, and documentation for planning, developing, managing, executing, and controlling the project schedule is known as:

- A. Plan Schedule Management.
- B. Develop Project Charter.
- C. Develop Schedule.
- D. Plan Scope Management.

Answer: A

NEW QUESTION 16

- (Topic 1)

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

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

Answer: C

NEW QUESTION 19

- (Topic 1)

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

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

Answer: D

NEW QUESTION 24

- (Topic 1)

External organizations that have a special relationship with the enterprise and provide specialized expertise are called:

- A. Customers.
- B. Business partners.
- C. Sellers.
- D. Functional managers.

Answer: B

NEW QUESTION 26

- (Topic 1)

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

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

Answer: D

NEW QUESTION 31

- (Topic 1)

Which document defines how a project is executed, monitored and controlled, and closed?

- A. Strategic plan
- B. Project charter
- C. Project management plan
- D. Service level agreement

Answer: C

NEW QUESTION 35

- (Topic 1)

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 39

- (Topic 1)

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 42

- (Topic 1)

The Perform Quality Assurance process occurs in which Process Group?

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

Answer: A

NEW QUESTION 44

- (Topic 1)

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 49

- (Topic 1)

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 51

- (Topic 1)

Which item is an input to the Define Activities process?

- A. Schedule data
- B. Activity list
- C. Risk register
- D. Scope baseline

Answer: D

NEW QUESTION 56

- (Topic 1)

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

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

Answer: C

NEW QUESTION 59

- (Topic 1)

An input to the Plan Stakeholder Management process is:

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

Answer: D

NEW QUESTION 63

- (Topic 1)

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 65

- (Topic 1)

A key benefit of the Manage Communications process is that it enables:

- A. The best use of communication methods.
- B. An efficient and effective communication flow.
- C. Project costs to be reduced.
- D. The best use of communication technology.

Answer: B

NEW QUESTION 68

- (Topic 2)

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 cost variance (CV) for Task 6?

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

Answer: D

NEW QUESTION 69

- (Topic 2)

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

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

Answer: B

NEW QUESTION 70

- (Topic 2)

The primary benefit of the Plan Schedule Management process is that it:

- A. provides guidance to identify time or schedule challenges within the project.
- B. tightly links processes to create a seamless project schedule.
- C. guides how the project schedule will be managed throughout the project.
- D. creates an overview of all activities broken down into manageable subsections.

Answer: C

NEW QUESTION 72

- (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 76

- (Topic 2)

Which element does a project charter contain?

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

Answer: C

NEW QUESTION 81

- (Topic 2)

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

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

Answer: A

NEW QUESTION 82

- (Topic 2)

Success is measured by benefits realization for a:

- A. strategic plan
- B. project
- C. portfolio
- D. program

Answer: C

NEW QUESTION 87

- (Topic 2)

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 89

- (Topic 2)

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

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

Answer: B

NEW QUESTION 93

- (Topic 2)

An output of the Perform Integrated Change Control process is:

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

Answer: C

NEW QUESTION 98

- (Topic 2)

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

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

Answer: C

NEW QUESTION 102

- (Topic 2)

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

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

Answer: C

NEW QUESTION 106

- (Topic 2)

A project manager should communicate to stakeholders about resolved project issues by updating the:

- A. project records
- B. project reports
- C. stakeholder notifications
- D. stakeholder register

Answer: C

NEW QUESTION 109

- (Topic 2)

The component of the risk management plan that documents how risk activities will be recorded is called:

- A. tracking
- B. scoping
- C. timing
- D. defining

Answer: A

NEW QUESTION 111

- (Topic 2)

Which basic quality tool explains a change in the dependent variable in relationship to a change observed in the corresponding independent variable?

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

Answer: D

NEW QUESTION 115

- (Topic 2)

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 117

- (Topic 2)

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

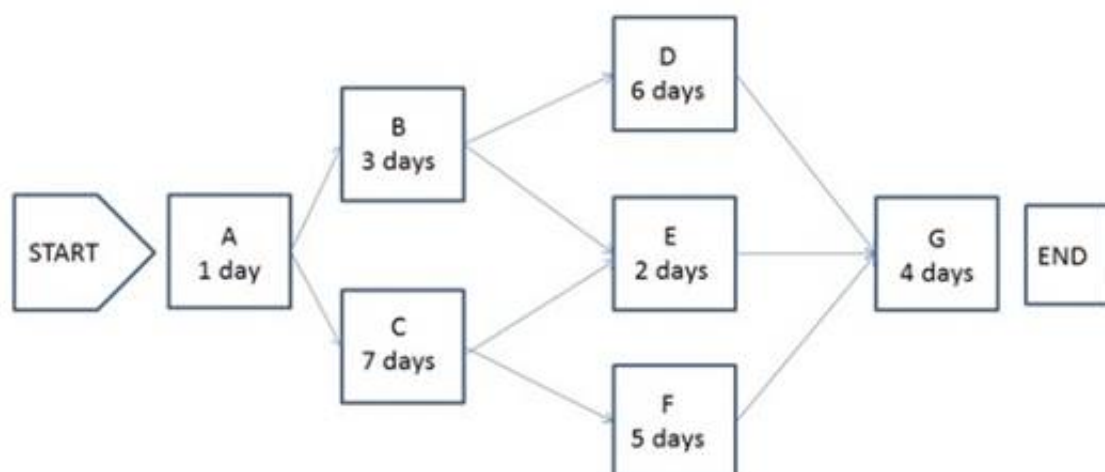
- A. Resource calendar.
- B. Project organization chart.
- C. Resource breakdown structure (RBS).
- D. Responsibility assignment matrix (RAM).

Answer: B

NEW QUESTION 121

- (Topic 2)

The following is a network diagram for a project.



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

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

Answer: A

NEW QUESTION 122

- (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 125

- (Topic 2)

The zero duration of milestones in project planning occurs because milestones:

- A. Are unpredictable and challenge the Plan Schedule Management process.
- B. Occur at random times in the project plans.
- C. Represent a moment in time such as a significant project point or event.
- D. Represent both significant and insignificant points in the project and are difficult to anticipate.

Answer: C

NEW QUESTION 127

- (Topic 2)

The purpose of developing a project scope management plan is to:

- A. Manage the timely completion of the project.
- B. Ensure that the project includes all of the work required.
- C. Make sure the project will satisfy the needs for which it was begun.
- D. Reduce the risk of negative events in the project.

Answer: B

NEW QUESTION 130

- (Topic 2)

Which quality tool may prove useful in understanding and estimating the cost of quality in a process?

- A. Checksheets
- B. Histograms
- C. Flowcharts
- D. Control charts

Answer: C

NEW QUESTION 132

- (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 134

- (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 136

- (Topic 2)

An input to the Control Quality process is:

- A. Activity attributes
- B. Quality control measurements

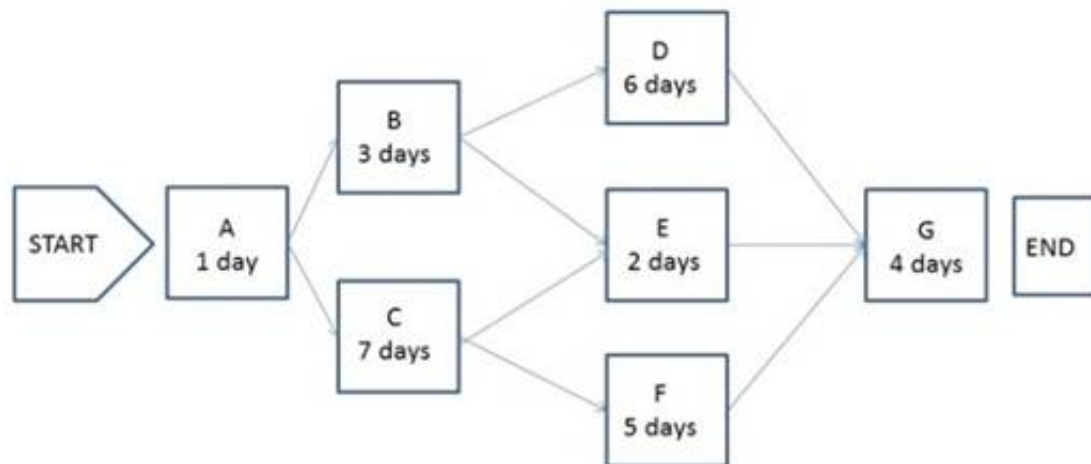
- C. Enterprise environmental factors
- D. Deliverables

Answer: D

NEW QUESTION 137

- (Topic 2)

The following is a network diagram for a project.



The total float for the project is how many days?

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

Answer: A

NEW QUESTION 138

- (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 141

- (Topic 2)

Completion of the product scope is measured against the product:

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

Answer: B

NEW QUESTION 142

- (Topic 2)

During which process does the project team receive bids and proposals?

- A. Conduct Procurements
- B. Plan Procurements
- C. Estimate Costs
- D. Control Budget

Answer: A

NEW QUESTION 145

- (Topic 3)

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 147

- (Topic 3)

Information collected on the status of project activities being performed to accomplish the project work is known as what?

- A. Project management information system
- B. Work performance information
- C. Work breakdown structure
- D. Variance analysis

Answer: B

NEW QUESTION 149

- (Topic 3)

A project management office manages a number of aspects including the:

- A. Project scope, schedule, cost, and quality of the products of the work packages.
- B. Central coordination of communication management across projects.
- C. Assignment of project resources to best meet project objectives.
- D. Overall risk, overall opportunity, and interdependencies among projects at the enterprise level.

Answer: D

NEW QUESTION 154

- (Topic 3)

Which of the following risk response strategies involves allocating ownership of a positive risk to a third party?

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

Answer: C

NEW QUESTION 157

- (Topic 3)

What is the name of a graphic display of project team members and their reporting relationships?

- A. Role dependencies chart
- B. Reporting flow diagram
- C. Project organization chart
- D. Project team structure diagram

Answer: C

NEW QUESTION 159

- (Topic 3)

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 160

- (Topic 3)

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

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

Answer: C

NEW QUESTION 162

- (Topic 3)

Which illustrates the connection between work that needs to be done and its project team members?

- A. Work breakdown structure (WBS)
- B. Network diagrams
- C. Staffing management plan
- D. Responsibility assignment matrix (RAM)

Answer: D

NEW QUESTION 165

- (Topic 3)

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

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

Answer: D

NEW QUESTION 166

- (Topic 3)

The integrative nature of project management requires which Process Group to interact with the other Process Groups?

- A. Planning
- B. Executing
- C. Monitoring and Controlling
- D. Project Management

Answer: C

NEW QUESTION 171

- (Topic 3)

When is a Saliency Model used?

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

Answer: C

NEW QUESTION 175

- (Topic 3)

An output of the Create WBS process is:

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

Answer: A

NEW QUESTION 178

- (Topic 3)

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 179

- (Topic 3)

Which technique is used in Perform Quantitative Risk Analysis?

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

Answer: A

NEW QUESTION 180

- (Topic 3)

Most experienced project managers know that:

- A. every project requires the use of all processes in the PMBOK® Guide.
- B. there is no single way to manage a project.
- C. project management techniques are risk free.
- D. there is only one way to manage projects successfully.

Answer: B

NEW QUESTION 185

- (Topic 3)

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

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

Answer: A

NEW QUESTION 188

- (Topic 3)

What is the total float of the critical path?

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

Answer: C

NEW QUESTION 191

- (Topic 3)

A work package has been scheduled to cost \$1,000 to complete and was to be finished today. As of today, the actual expenditure is \$1,200 and approximately half of the work has been completed. What is the cost variance?

- A. -700
- B. -200
- C. 200
- D. 500

Answer: A

NEW QUESTION 196

- (Topic 3)

Which process documents the business needs of a project and the new product, service, or other result that is intended to satisfy those requirements?

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

Answer: B

NEW QUESTION 198

- (Topic 3)

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

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

Answer: B

NEW QUESTION 203

- (Topic 3)

Which of the following is an enterprise environmental factor that can influence the Develop Project Charter process?

- A. Organizational standard processes
- B. Marketplace conditions
- C. Historical information
- D. Templates

Answer: B

NEW QUESTION 205

- (Topic 3)

When would resource leveling be applied to a schedule model?

- A. Before constraints have been identified

- B. Before it has been analyzed by the critical path method
- C. After it has been analyzed by the critical path method
- D. After critical activities have been removed from the critical path

Answer: C

NEW QUESTION 210

- (Topic 3)

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

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

Answer: D

NEW QUESTION 212

- (Topic 3)

Which of the seven basic quality tools is especially useful for gathering attributes data while performing inspections to identify defects?

- A. Histograms
- B. Scatter diagrams
- C. Flowcharts
- D. Checksheets

Answer: D

NEW QUESTION 215

- (Topic 3)

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

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

Answer: D

NEW QUESTION 220

- (Topic 3)

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

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

Answer: D

NEW QUESTION 222

- (Topic 3)

Which of the following consists of the detailed project scope statement and its associated WBS and WBS dictionary?

- A. Scope plan
- B. Product scope
- C. Scope management plan
- D. Scope baseline

Answer: D

NEW QUESTION 225

- (Topic 4)

The output that defines an approach to increase the support and minimize negative impacts of stakeholders is the:

- A. stakeholder management strategy.
- B. communications management plan,
- C. stakeholder register,
- D. performance report.

Answer: A

NEW QUESTION 226

- (Topic 4)

Which of the following is an input to Control Scope?

- A. Project schedule
- B. Organizational process assets updates
- C. Project document updates
- D. Work performance information

Answer: D

NEW QUESTION 231

- (Topic 4)

Ensuring that both parties meet contractual obligations and that their own legal rights are protected is a function of:

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

Answer: C

NEW QUESTION 234

- (Topic 4)

In which Process Group are lessons learned documented?

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

Answer: B

NEW QUESTION 239

- (Topic 4)

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 241

- (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: C

NEW QUESTION 243

- (Topic 4)

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

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

Answer: C

NEW QUESTION 247

- (Topic 4)

Another name for an Ishikawa diagram is:

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

Answer: A

NEW QUESTION 251

- (Topic 4)

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 252

- (Topic 4)

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 257

- (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 262

- (Topic 4)

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

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

Answer: C

NEW QUESTION 265

- (Topic 4)

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

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

Answer: C

NEW QUESTION 266

- (Topic 4)

What is a tool to improve team performance?

- A. Staffing plan
- B. External feedback
- C. Performance reports
- D. Co-location

Answer: D

NEW QUESTION 271

- (Topic 4)

Which of the following types of a dependency determination is used to define the sequence of activities?

- A. Legal
- B. Discretionary
- C. Internal
- D. Resource

Answer: B

NEW QUESTION 275

- (Topic 4)

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

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

Answer: C

NEW QUESTION 276

- (Topic 4)

Define Activities and Estimate Activity Resources are processes in which project management Knowledge Area?

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

Answer: A

NEW QUESTION 281

- (Topic 4)

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

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

Answer: A

NEW QUESTION 282

- (Topic 4)

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 285

- (Topic 4)

Labor, materials, equipment, and supplies are examples of:

- A. Resource attributes.
- B. Resource types.
- C. Resource categories.
- D. Resource breakdown structures (RBS).

Answer: C

NEW QUESTION 290

- (Topic 4)

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

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

Answer: A

NEW QUESTION 294

- (Topic 4)

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 298

- (Topic 4)

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

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

Answer: C

NEW QUESTION 300

- (Topic 4)

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

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

Answer: B

NEW QUESTION 301

- (Topic 4)

What is the responsibility of the project manager and the functional manager respectively?

- A. Oversight for an administrative area; a facet of the core business
- B. Achieving the project objectives; providing management oversight for an administrative area
- C. A facet of the core business; achieving the project objectives
- D. Both are responsible for achieving the project objectives.

Answer: B

NEW QUESTION 302

- (Topic 4)

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 305

- (Topic 4)

Which tool or technique is used in Close Procurements?

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

Answer: D

NEW QUESTION 309

- (Topic 4)

Which of the following is an input to the Direct and Manage Project Execution process?

- A. Approved change requests
- B. Approved contract documentation
- C. Work performance information
- D. Rejected change requests

Answer: A

NEW QUESTION 312

- (Topic 4)

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 315

- (Topic 4)

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 316

- (Topic 4)

When large or complex projects are separated into distinct phases or subprojects, all of the Process Groups would normally be:

- A. divided among each of the phases or subprojects.
- B. repeated for each of the phases or subprojects.
- C. linked to specific phases or subprojects.
- D. integrated for specific phases or subprojects.

Answer: B

NEW QUESTION 317

- (Topic 4)

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 318

- (Topic 4)

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 319

- (Topic 4)

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

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

Answer: C

NEW QUESTION 321

- (Topic 4)

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

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

Answer: A

NEW QUESTION 324

- (Topic 5)

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

- A. Networking
- B. Training

- C. Negotiation
- D. Issue log

Answer: C

NEW QUESTION 326

- (Topic 5)

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

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

Answer: A

NEW QUESTION 330

- (Topic 5)

How should a stakeholder who is classified as high power and low interest be grouped in a power/interest grid during stakeholder analysis?

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

Answer: A

NEW QUESTION 332

- (Topic 5)

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

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

Answer: A

NEW QUESTION 337

- (Topic 5)

The staffing management plan is part of the:

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

Answer: C

NEW QUESTION 340

- (Topic 5)

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

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

Answer: B

NEW QUESTION 342

- (Topic 5)

The application of knowledge, skills, tools, and techniques to project activities to meet project requirements describes management of which of the following?

- A. Project
- B. Scope
- C. Contract
- D. Program

Answer: A

NEW QUESTION 344

- (Topic 5)

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

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

Answer: B

NEW QUESTION 348

- (Topic 5)

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 350

- (Topic 5)

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

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

Answer: C

NEW QUESTION 355

- (Topic 5)

The project has a current cost performance index of 0.80. Assuming this performance will continue, the new estimate at completion is \$1000. What was the original budget at completion for the project?

- A. \$800
- B. \$1000
- C. \$1250
- D. \$1800

Answer: A

NEW QUESTION 356

- (Topic 5)

Which characteristics do effective project managers possess?

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

Answer: A

NEW QUESTION 360

- (Topic 5)

Who determines which dependencies are mandatory during the Sequence Activities process?

- A. Project manager
- B. External stakeholders
- C. Internal stakeholders
- D. Project team

Answer: D

NEW QUESTION 362

- (Topic 5)

The process improvement plan details the steps for analyzing processes to identify activities which enhance their:

- A. quality.
- B. value.
- C. technical performance.
- D. status.

Answer: B

NEW QUESTION 365

- (Topic 5)

Which is one of the determining factors used to calculate CPI?

- A. EV
- B. SPI
- C. PV
- D. ETC

Answer: A

NEW QUESTION 368

- (Topic 5)

The three processes of Project Cost Management are:

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

Answer: D

NEW QUESTION 372

- (Topic 5)

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 373

- (Topic 5)

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

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

Answer: C

NEW QUESTION 377

- (Topic 5)

Risk exists the moment that a project is:

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

Answer: B

NEW QUESTION 381

- (Topic 5)

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

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

Answer: A

NEW QUESTION 383

- (Topic 5)

Which baselines make up the performance measurement baseline?

- A. Scope baseline, cost baseline, and schedule baseline
- B. Scope baseline, project management baseline, and quality baseline
- C. Cost baseline, schedule baseline, and risk baseline
- D. Cost baseline, project management baseline, and schedule baseline

Answer: A

NEW QUESTION 387

- (Topic 5)

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

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

Answer: C

NEW QUESTION 389

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