

Practice Exam Questions



Certified Associate in Project Management



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Certified Associate in Project Management (CAPM)

Version: 9.0

[Total Questions: 897]

Topic break down

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Topic 1, Volume A

Question No : 1 - (Topic 1)

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

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

Answer: B

Question No : 2 - (Topic 1)

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

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

Answer: B

Question No : 3 - (Topic 1)

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

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

Answer: D

Question No : 4 - (Topic 1)

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

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

Answer: A

Question No : 5 - (Topic 1)

Organizational theory is a tool used in which Project Human Resource Management process?

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

Answer: D

Question No : 6 - (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

Question No : 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

Question No : 8 - (Topic 1)

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

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

Answer: A

Question No : 9 - (Topic 1)

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

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

Answer: B

Question No : 10 - (Topic 1)

When should quality planning be performed?

- A. While developing the project charter
- B. In parallel with the other planning processes
- C. As part of a detailed risk analysis
- D. As a separate step from the other planning processes

Answer: B

Question No : 11 - (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

Question No : 12 - (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

Question No : 13 - (Topic 1)

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

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

D. Perform Quantitative Risk Analysis.

Answer: C

Question No : 14 - (Topic 1)

Which risk management strategy seeks to eliminate the uncertainty associated with a particular upside risk by ensuring that the opportunity is realized?

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

Answer: C

Question No : 15 - (Topic 1)

An output of the Develop Project Team process is:

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

Answer: B

Question No : 16 - (Topic 1)

When does the project team determine which dependencies are discretionary?

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

Answer: D

Question No : 17 - (Topic 1)

Which cost is associated with nonconformance?

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

Answer: A

Question No : 18 - (Topic 1)

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

Question No : 19 - (Topic 1)

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

Question No : 20 - (Topic 1)

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

Question No : 21 - (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

Question No : 22 - (Topic 1)

Regression analysis, failure mode and effect analysis (FMEA), fault tree analysis (FTA), and trend analysis are examples of which tool or technique?

- A. Expert judgment
- B. Forecasting methods
- C. Earned value management
- D. Analytical techniques

Answer: D

Question No : 23 - (Topic 1)

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

Question No : 24 - (Topic 1)

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

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

Answer: C

Question No : 25 - (Topic 1)

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

Question No : 26 - (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

Question No : 27 - (Topic 1)

Which process identifies whether the needs of a project can best be met by acquiring products, services, or results outside of the organization?

- A. Plan Procurement Management
- B. Control Procurements
- C. Collect Requirements
- D. Plan Cost Management

Answer: A

Question No : 28 - (Topic 1)

Which Define Activities output extends the description of the activity by identifying the multiple components associated with each activity?

- A. Project document updates
- B. Activity list
- C. Activity attributes
- D. Project calendars

Answer: C

Question No : 29 - (Topic 1)

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

- A. Supportive

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

Answer: A

Question No : 30 - (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

Question No : 31 - (Topic 1)

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

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

Answer: C

Question No : 32 - (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

Question No : 33 - (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

Question No : 34 - (Topic 1)

Which process involves monitoring the status of the project to update the project costs and managing changes to the cost baseline?

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

Answer: B

Question No : 35 - (Topic 1)

Which process involves developing an approximation of the monetary resources needed to complete project activities?

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

Answer: A

Question No : 36 - (Topic 1)

The Perform Quality Assurance process occurs in which Process Group?

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

Answer: A

Question No : 37 - (Topic 1)

Reserve analysis is a tool and technique used in which process?

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

Answer: D

Question No : 38 - (Topic 1)

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

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

Answer: D

Question No : 39 - (Topic 1)

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

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

Answer: A

Question No : 40 - (Topic 1)

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

Question No : 41 - (Topic 1)

Which basic quality tool is most useful when gathering attributes data in an inspection to identify defects?

- A. Control charts
- B. Pareto diagrams
- C. Ishikawa diagrams
- D. Checksheets

Answer: D

Question No : 42 - (Topic 1)

Which tool or technique is used to manage change requests and the resulting decisions?

- A. Change control tools
- B. Expert judgment
- C. Delphi technique
- D. Change log

Answer: A

Question No : 43 - (Topic 1)

Which tools or techniques are used in the Plan Schedule Management process?

- A. Benchmarking, expert judgment, and analytical techniques
- B. Statistical sampling, benchmarking, and meetings
- C. Negotiations, pre-assignment, and multi-criteria decision analysis
- D. Expert judgment, analytical techniques, and meetings

Answer: D

Question No : 44 - (Topic 1)

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

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

Answer: C

Question No : 45 - (Topic 1)

The process of confirming human resource availability and obtaining the team necessary to complete project activities is known as:

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

Answer: B

Question No : 46 - (Topic 1)

An input to the Identify Stakeholders process is:

- A. The project management plan.
- B. The stakeholder register.
- C. Procurement documents.
- D. Stakeholder analysis.

Answer: C

Question No : 47 - (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

Question No : 48 - (Topic 1)

Which input may influence quality assurance work and should be monitored within the context of a system for configuration management?

- A. Work performance data
- B. Project documents

- C. Scope baseline
- D. Requirements documentation

Answer: B

Question No : 49 - (Topic 1)

Sensitivity analysis is typically displayed as a/an:

- A. Decision tree diagram.
- B. Tornado diagram.
- C. Pareto diagram.
- D. Ishikawa diagram.

Answer: B

Question No : 50 - (Topic 1)

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

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

Answer: C

Question No : 51 - (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

Question No : 52 - (Topic 1)

Which item is an example of personnel assessment?

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

Answer: D

Question No : 53 - (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

Question No : 54 - (Topic 1)

A project charter is an output of which Process Group?

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

Answer: C