CompTIA

Exam Questions PK0-005

CompTIA Project+ Certification Exam

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NEW QUESTION 1
Due to multiple changes, the sign-off for the project scope baseline is delayed. The project sponsor has restricted the budget for this project. Which of the following should the project manager MOST likely do to move forward?

A. Communicate with the affected stakeholders.
B. Initiate a formal change request to modify the cost
C. Adjust the scope to stay within the cost.
D. Set a new cost using a lightweight estimation method.

Answer: A

Explanation:
 The project manager should communicate with the affected stakeholders first after realizing that the sign-off for the project scope baseline is delayed due to multiple changes and that the budget for this project is restricted by the project sponsor. The affected stakeholders are those who have an interest or influence on the project and may be impacted by any changes or delays. Communicating with them can help to explain the situation, assess the impact, seek feedback, and manage expectations.

NEW QUESTION 2
Which of the following aspects are true of agile as compared to waterfall? (Select two).

A. Agile works through larger integrated teams.
B. Agile promotes project manager ownership over deliverables.
C. Agile reinforces the importance of comprehensive documentation.
D. Agile has more customer involvement throughout development.
E. Agile is more flexible to allow for changes in scope.
F. Agile is comprised of well-defined phases.

Answer: DE

Explanation:
 Agile is a project management methodology that emphasizes customer collaboration, feedback, and adaptation throughout the project life cycle. Agile teams work in short iterations, called sprints, and deliver working increments of the product or service to the customer for review and approval. Agile teams can also respond to changing requirements and priorities by adjusting the scope, schedule, or quality of the project12. Waterfall, on the other hand, is a project management methodology that follows a linear and sequential process, where each phase of the project must be completed before moving on to the next one. Waterfall teams work with a fixed scope, schedule, and quality, and deliver the final product or service to the customer at the end of the project. Waterfall teams have less customer involvement and flexibility during the project development34.

NEW QUESTION 3
Which of the following are primary features provided by a standard laaS solution? (Select two).

A. Encryption
B. Storage
C. Networking
D. User interface
E. Access
F. Database

Answer: BC

Explanation:
 According to What is Logging as a Service (LaaS)? - LogicMonitor, LaaS is a cloud-based log management platform that simplifies the management of infrastructure and application logs. LaaS offers a central location where you can store, analyze and visualize the content of all your logs. It works by ingesting logs from different sources, such as web servers, IoT devices, database servers and more. It then provides actionable output by organizing and restructuring the information within these logs. Therefore, storage and networking are primary features provided by a standard LaaS solution, as they enable the collection and transmission of logs from various sources to a centralized platform. Encryption, user interface, access, and database are not primary features of LaaS, as they are either optional or secondary aspects of the service.

NEW QUESTION 4
A project manager was just assigned to a new project. Which of the following activities should the project manager undertake after accepting the project? (Select TWO).

A. Review the detailed plan.
B. Develop a preliminary scope.
C. Develop a transition plan.
D. Develop a project management plan.
E. Review the resource pool.
F. Review the project objectives.

Answer: EF

Explanation:
 Review the resource pool and review the project objectives are activities that the project manager should undertake after accepting a new project. Reviewing the resource pool involves identifying and evaluating the availability, skills, and competencies of the human and material resources that are needed for the project. Reviewing the project objectives involves understanding and clarifying the expected outcomes and benefits of the project and how they align with the organizational strategy and stakeholder expectations. These activities can help to plan and execute the project effectively and efficiently.

NEW QUESTION 5

A PM needs to calculate the progress of the whole project scope for a presentation to the sponsor. Which of the following is the first document the PM should update?

A. Project network diagram
B. Gantt chart
C. Issue log
D. Risk report

Answer: B

Explanation:

A gantt chart is a visual representation of a project timeline that shows the tasks, durations, dependencies, and resources of a project in a horizontal bar chart format. A gantt chart can help a project manager to calculate the progress of the whole project scope by comparing the planned and actual start and finish dates of each task, as well as the percentage of completion and the critical path. A gantt chart is also a useful tool for communicating the project status and performance to the sponsor and other stakeholders. Therefore, the first document that the project manager should update to calculate the
progress of the whole project scope is the gantt chart. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 6: Schedule Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 6: Schedule Management2; What Is a Gantt Chart? 7 Examples for Project Management3

NEW QUESTION 6
Due to budgetary and time constraints, a PM scheduled a meeting with all stakeholders during the planning phase to review the requirements and come to an agreement on the minimum viable product that would be acceptable. Which of the following would be used to document this input?

A. Project change management plan
B. Project management plan
C. Project transition plan
D. Project communication plan

Answer: B

Explanation:

The project manager should use the project management plan to document the input from the stakeholders on the minimum viable product that would be acceptable for the project. The project management plan is a document that describes how the project will be executed, monitored, controlled, and closed. It usually includes information such as scope statement, work breakdown structure (WBS), schedule baseline, cost baseline, quality plan, risk plan, communication plan, stakeholder plan, and change management plan. The project management plan can help to define and communicate the project requirements, deliverables, assumptions, constraints, and expectations to all stakeholders involved in the project.
The project management plan would be used to document the input obtained from stakeholders during the meeting to review the requirements and agree on the minimum viable product. The project management plan is a comprehensive document that outlines the approach, scope, schedule, budget, quality, resources, and communication for a project. The document is updated throughout the project lifecycle and serves as a guide for project execution, monitoring, and control.
References: CompTIA Project+ Study Guide, Chapter 3: Project Integration Management, Objective 3.3: Identify the components of the project management plan.

NEW QUESTION 7
Which of the following tools is best to use for storing lessons learned?

A. Whiteboard
B. Wiki knowledge base
C. Content management system
D. Workflow platform

Answer: B

Explanation:

A wiki knowledge base is a collaborative online platform that allows users to create, edit, and share information about a specific topic or domain1. A wiki knowledge base is best to use for storing lessons learned because it enables easy access, retrieval, and update of the lessons learned by project teams and stakeholders2. A wiki knowledge base can also support keyword search, version control, and linking of related
documents3. A wiki knowledge base is different from a whiteboard, which is a physical or digital board that can be used for brainstorming, sketching, or presenting ideas; a content management system, which is a software application that allows users to create, manage, and publish digital content; and a workflow platform, which is a software tool that automates and streamlines business processes4. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 14: Closing the Project, page 403; Capturing Lessons Learned in Project Management [2023] • Asana, Different types of lessons
learned sessions and Lessons Learned Process in Project Management sections; Project Management Lessons Learned | Smartsheet, What Are Lessons Learned in Project Management? and Lessons Learned Process in Project Management sections; How to Do Lessons Learned in Project Management, Store and Retrieve sections.

NEW QUESTION 8
During a status meeting, the development team reviews work and finds an unforeseen dependency on one of the critical project activities. As a result, the project will most likely be delayed. Which of the following actions should the project manager MOST likely perform?

A. Work with the project scheduler to update the project timeline.
B. Communicate to the stakeholders about the updated timeline.
C. Ask the development team to fast-track upcoming activities.
D. Add two resources so the critical activities will finish on time.

Answer: A

Explanation:

Work with the project scheduler to update the project timeline. The project manager should work with the project scheduler to update the project timeline after finding an unforeseen dependency on one of the critical project activities that will most likely cause a delay. The project scheduler is a person or a tool that helps plan, schedule, monitor, and control the project activities and resources. The project scheduler can help the project manager to assess the impact of the dependency on the project schedule and identify any possible ways to mitigate or resolve it. The project scheduler can also help to update the project timeline with the revised dates and durations of the project activities and communicate them to the relevant stakeholders.

NEW QUESTION 9
Before a configuration can be made to a system in development, a document containing information about how the new system will interact with other systems within the organization needs to be written. Which of the following relationships best describes this scenario?

A. Start-to-start
B. Start-to-finish
C. Finish-to-finish
D. Finish-to-start

Answer: D

Explanation:
A finish-to-start relationship is a type of logical dependency between two tasks, in which the first task must be completed before the second task can start. In this scenario, the document containing information about how the new system will interact with other systems within the organization is a prerequisite for the configuration of the system in development. Therefore, the document writing task must finish before the configuration task can start, which is a finish-to-start relationship. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 6: Schedule Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 6: Schedule Management2

NEW QUESTION 10
Which of the following is an activity that should be used in the closing phase of a project to support the project triple constraint?

A. Evaluating the project
B. Releasing the resources
C. Closing the contracts
D. Reconciling the budget

Answer: A

Explanation:
Evaluating the project is an activity that should be used in the closing phase of a project to support the project triple constraint. This involves reviewing the project plan, deliverables, and outcomes to ensure they meet the project objectives and requirements. References: CompTIA Project+ Study Guide Section 4.4.4

NEW QUESTION 10
A developer recommends modifying an existing portion of code that is not part of the scope
and is causing low performance on the current solution. Which of the following actions should the project manager most likely take?

A. Ask a developer to create a change request.
B. Do nothing because recommendation is scope creep.
C. Ask a developer to implement the recommendation.
D. Communicate the change status.

Answer: A

Explanation:
The project manager should ask the developer to create a change request, which is a formal document that describes the proposed change, its benefits, costs, risks, and impacts on the project scope, schedule, budget, and quality. A change request is the first step in the change control process, which involves evaluating, approving, or rejecting changes to the project baselines. The project manager should not do nothing, because ignoring the recommendation could result in poor performance and customer dissatisfaction. The project manager should not ask the developer to implement the recommendation without following the change control process, because that could cause scope creep, which is the uncontrolled expansion of the project scope without proper authorization or adjustment of the project resources and objectives. The project manager should not communicate the change status before the change request is submitted and approved, because that could create confusion and false expectations among the project stakeholders. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 4: Project Integration Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 4: Project Integration Management2; What is a Change Request and How to Manage It3

NEW QUESTION 14
A project team has just experienced an unexpected event and implemented a work-around. Which of the following documents should be used to record the event? (Select TWO).

A. Risk report
B. Defect log
C. Issue log
D. Backlog
E. Change log
F. Progress report

Answer: CE

Explanation:
Issue log and change log are documents that should be used to record the event where the project team has just experienced an unexpected event and implemented a work-around. An issue log is a document that tracks and records any issues or problems that arise during a project and how they are resolved. An issue log can help to monitor and control the project performance and quality and prevent any negative impacts on the project objectives and deliverables. A change log is a document that tracks and records any changes or modifications that are made to the project scope, schedule, cost, quality, or resources during a project. A change log can help to document the change request, approval, implementation, and impact of each change and ensure traceability and transparency.

NEW QUESTION 16
During a staff meeting, a project manager voices a concern about the client billing rate for a particular engineer. Which of the following documents would the project manager need in order to find this information?

A. SLA
B. TOR
C. SOW
D. NDA

Answer: C

Explanation:
 In order to find the client billing rate for a particular engineer, the project manager would need to refer to the SOW (Statement of Work). The SOW is a document that outlines the work to be performed, the timeframe for completion, and the cost of the project. It also includes information about the resources involved in the project and their billing rates. References: CompTIA Project+ Study Guide Section 2.2.
The project manager would need a statement of work (SOW) to find information about the client billing rate for a particular engineer. A SOW is a document that defines the scope of work for a project or contract. It usually includes information such as deliverables, milestones, timeline, costs, payment terms, quality standards, and acceptance criteria. A SOW can help to specify what services or products will be provided by whom, when, where, how, and for how much.

NEW QUESTION 21
A project manager, who finished a project some time ago, keeps receiving questions from another project manager who is currently leading a similar project. Which of the following is the most likely cause of this situation?

A. The retrospective session feedback was not communicated properly.
B. The project resources were released ahead of time.
C. The documentation was not archived as per the PMO standards.
D. The validation of deliverables is running behind schedule.

Answer: C

Explanation:
 Archiving project documentation is an important process to ensure that the project information is stored, retrieved, and updated in a consistent and efficient manner1. It also helps to meet legal requirements, enable long-term analysis, and support new projects and team members1. If the documentation was not archived as per the PMO standards, it would be difficult for the current project manager to find the relevant documents and learn from the previous project. This would cause the current project manager to keep asking questions to the previous project manager, who may not have all the answers or may not be available. Therefore, the most likely cause of this situation is that the documentation was not archived as per the PMO standards. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 14: Closing the Project, page 403; How to Archive a Completed Project: A Guide for PMOs, Introduction and Benefits sections.

NEW QUESTION 23
A contractor attended a project meeting that was exclusively for company employees. Which of the following actions should the PM take?

A. Escalate to vendor management.
B. Consult the request for proposal.
C. Review the meeting cadence.
D. Reinforce the rules of engagement.

Answer: D

Explanation:
The rules of engagement are the guidelines and expectations that define the relationship between the contractor and the company. They may include topics such as communication, confidentiality, access, security, performance, and compliance. The project manager should reinforce the rules of engagement with the contractor to ensure that they understand and respect the boundaries and protocols of the company. This will help to avoid any potential conflicts, misunderstandings, or breaches of contract. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 7: Project Stakeholder Management, p. 239; Contractor Rules of Engagement - Cox Enterprises, p. 1; Legal Considerations for Engaging Contractors | LegalVision

NEW QUESTION 28
A project manager has been assigned to a new project. During the planning phase, the project manager needs to get an understanding of the purpose of the project. Which of the following should the project manager do?

A. Collate the lessons learned.
B. Perform a gap analysis.
C. Review existing artifacts.
D. Conduct a retrospective.

Answer: C

Explanation:
 The project manager should review existing artifacts to get an understanding of the purpose of the project. Existing artifacts are documents or records that provide information about the project background, context, scope, objectives, requirements, stakeholders, and deliverables. They may include documents such as project proposal, project charter, business case, feasibility study, statement of work (SOW), or contract. Reviewing existing artifacts can help to clarify the project vision and expectations and provide a basis for planning and executing the project.

NEW QUESTION 29
Although a project was successfully released into production a month ago, a project manager continues to receive project-related work. Which of the following is the reason for this issue?

A. The project manager did not release the resources.
B. The project is in the verification testing phase.
C. The project manager did not complete the project closure phase.
D. The project manager did not remove access.

Answer: C

Explanation:
 If a project manager continues to receive project-related work after the project has been released into production, it suggests that the project closure phase was not completed properly. The project closure phase involves several activities, including ensuring that all project deliverables are accepted, documenting the lessons learned, releasing project resources, and formally closing the project. If these activities are not completed, the project can remain 'open' in a sense, leading to continued work and inquiries.
References = The answer is based on standard project management practices and the importance of the project closure phase as described in project management literature. For detailed information, please refer to the CompTIA Project+ Study Guide and other official CompTIA resources. Specific references to the closure phase can be found in the CompTIA Project+ PK0-005 Cert Guide1 and the CompTIA Project+ Certification Exam Objectives2.

NEW QUESTION 31
Which of the following provides the best justification for undertaking a project?

A. Scope statement
B. Business case
C. Sponsor request
D. Project charter

Answer: B

Explanation:
A business case provides justification for undertaking a project, programme or portfolio. It evaluates the benefit, cost and risk of alternative options and provides a rationale for the preferred solution. A business case is essential for demonstrating the value of the project and securing the approval and funding from the governance. A business case is different from a scope statement, which defines the project boundaries and deliverables; a sponsor request, which initiates the project idea and seeks support; and a project charter, which authorizes the project and assigns the project manager. References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 3: Initiating Projects; What is business case? | APM

NEW QUESTION 33
A project manager does not have the power to reward team members when they accomplish something or penalize them when they fail to perform well. As a result, the project manager is having issues with team members. Which of the following describes this organizational structure?

A. Flat
B. Projectized
C. Weak matrix
D. Functional

Answer: C

Explanation:
 A weak matrix organizational structure is one where the project manager has low authority and the functional manager has high authority. The project manager is considered to be a coordinator or an escalator, and the team members are primarily loyal to their functional units. This can cause issues with team motivation, communication, and performance1

NEW QUESTION 38
After a product is released for production, a tester performs a test to ensure its basic functionality is working as expected. Which of the following is the tester performing?

A. Smoke test
B. Stress test
C. Penetration test
D. Regression test

Answer: A

NEW QUESTION 41
A client provides a project plan to the assigned project manager and suggests that the project manager and team just need to execute the plan. Upon further investigation, the document contains:
• Purpose
• Scope of work
• Location of work
• Period of performance
• Deliverables schedule
• Applicable standards
• Acceptance criteria
• Special requirements
• Payment schedule
Which of the following documents did the client provide to the project manager?

A. RFP
B. WBS
C. SLA
D. SOW

Answer: D

Explanation:
 The client provided a statement of work (SOW) to the project manager and suggested that the project manager and team just need to execute the plan. A SOW is a document that defines the scope, deliverables, schedule, and terms and conditions of a project or contract. A SOW typically includes information such as purpose, scope of work, location of work, period of performance, deliverables schedule, applicable standards, acceptance criteria, special requirements, and payment schedule. A SOW can help to establish a common understanding and agreement between the client and the service

provider on what needs to be done and how it will be done.

NEW QUESTION 45
A project manager is assigned an initiative in a highly regulated industry that requires employees to safeguard certain pieces of PII. Which of the following is the best approach for the project manager to keep the information confidential?

A. Encryption
B. Multifactor authentication
C. Quality assurance
D. Password protection

Answer: A

Explanation:
Encryption is the process of transforming data into an unreadable format that can only be accessed by authorized parties who have the decryption key. Encryption is the best approach for the project manager to keep the PII confidential, as it protects the data from unauthorized access during storage and transmission12.

NEW QUESTION 50
A company is creating a new technology. The company is concerned that the project details could be compromised if a cloud service is used, and another company could launch the technology before the current projected delivery. Which of the following can the company do to minimize this risk?

A. Use an on-premises project management scheduling tool.
B. Limit access to members of the project team.
C. Mandate overtime to get the project completed sooner.
D. Ensure all team members have signed a non-disclosure agreement.

Answer: B

Explanation:
Limiting access to members of the project team is a way to minimize the risk of compromising the project details if a cloud service is used. This means that only authorized and trusted individuals can access, view, modify, or share the project information stored in the cloud. Limiting access can prevent unauthorized access, data leakage, cyberattacks, or espionage from external parties who might want to steal or sabotage the new technology. Limiting access can also reduce the risk of human error, negligence, or misconduct from internal parties who might accidentally or intentionally expose or misuse the project information123. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 4: Project Communications, p. 143; Cloud Security Risks and How to Mitigate Them | Cloud Academy; Cloud Security: How to Secure Your Data in the Cloud | Kaspersky; Cloud Security: Best Practices for Securing Cloud Computing | Cloud Security Alliance

NEW QUESTION 54
While working with a contractor, the project manager identified a communication conflict. The contractor did not agree that there was an issue. Which of the following should the project manager and contractor review?

A. Scope of work
B. Request for proposal
C. Vendor rules of engagement
D. Project schedule

Answer: C

Explanation:
The project manager and contractor should review the vendor rules of engagement, which are the guidelines and expectations for the communication and interaction between the project team and the contractor. The vendor rules of engagement can help to prevent or resolve communication conflicts by clarifying the roles and responsibilities, the frequency and mode of communication, the escalation process, the feedback mechanism, and the performance evaluation criteria of the contractor. The vendor rules of engagement are usually part of the contract or the procurement management plan.
The vendor rules of engagement are different from the scope of work, which is the document that describes the work to be performed, the deliverables to be provided, and the acceptance criteria to be met by the contractor. The vendor rules of engagement are also different from the request for proposal, which is the document that solicits proposals from potential contractors by specifying the project requirements, evaluation criteria, and contract terms. The vendor rules of engagement are also different from the project schedule, which is the tool that displays the planned start and finish dates, durations, dependencies, and resources of the project activities and tasks. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 12: Procurement Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 12: Procurement Management2; Vendor Rules of Engagement3

NEW QUESTION 57
Which of the following communication tools would a project manager use to broadcast information without being assured the information will be received?

A. Telephone
B. Videoconference
C. Face-to-face
D. Email

Answer: D

Explanation:
Email is a communication tool that allows the project manager to send information to one or more recipients without requiring immediate feedback or confirmation of receipt. Email can be used to broadcast information that is not urgent or critical, such as status updates, meeting minutes, or general announcements1, p. 75

NEW QUESTION 60
During a sponsor meeting, a PM is assigned to manage a new external project for an IT consultant. The sponsor wants the PM to establish an agreement regarding the exchange of money between both parties. Which of the following documents would the PM most likely create?

A. Business requirement
B. Client statement of work
C. Formal contract
D. Project charter

Answer: C

Explanation:
A formal contract is a legal document that defines the terms and conditions of the agreement between the project parties, such as the scope, schedule, budget, quality, deliverables, roles and responsibilities, payment methods, and dispute resolution mechanisms. A formal contract is essential for external projects, especially when there is an exchange of money involved, to protect the interests and rights of both parties and to ensure mutual understanding and compliance. A formal contract is different from a business requirement, which is a statement of the needs and expectations of the customer or stakeholder for the project outcome. A formal contract is also different from a client statement of work, which is a document that describes the work to be performed, the deliverables to be provided, and the acceptance criteria to be met by the project vendor or contractor. A formal contract is also different from a project charter, which is a document that authorizes the project and provides the high-level information about the project objectives, scope, stakeholders, and project manager. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 4: Project Integration Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 4: Project Integration Management2; 11 Essential Documents To Use as a Project Manager3

NEW QUESTION 62
Project stakeholders have asked the team to use Scrum to run a software implementation project. Which of the following is most likely to take place during a Scrum ceremony?

A. Reviewing project blockers
B. Defining roles and responsibilities
C. Establishing a project schedule
D. Determining a project budget

Answer: A

Explanation:
According to Four agile ceremonies, demystified, one of the Scrum ceremonies is the daily stand-up, which is a short meeting to discuss progress and identify blockers. Blockers are any issues or impediments that prevent the team from completing their tasks or achieving their goals. Reviewing project blockers during the daily stand-up helps the team to resolve them quickly, collaborate effectively, and stay on track1. The other options are not likely to take place during a Scrum ceremony, as they are either part of the initial project planning or outside the scope of Scrum.

NEW QUESTION 65
Which of the following is a reason to use a SOW on a project?

A. To find out the contact information for the vendors
B. To review the list of stakeholders
C. To ensure the team stays within the scope of the contract
D. To give explicit instruction on how to execute the work

Answer: C

Explanation:
A statement of work (SOW) is a formal document that defines the entire scope of work involved for a vendor and clarifies deliverables, costs, and timeline1. It serves as a contractual agreement between a vendor and a client, providing a comprehensive description of the work to be performed2. A reason to use a SOW on a project is to ensure the team stays within the scope of the contract, as it outlines what the team will and won't do on a project, saving from painful client negotiations and protecting
the timeline and the bottom line3. References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 3: Initiating Projects Part 1, page 63; What Is a Statement of Work? Definition & Examples, Introduction and What Is a Statement of Work (SOW) In Project Management? sections; Statement Of Work Ultimate Guide: Simple Definition & Template, Introduction and What is a Statement of Work? sections; What Is a Statement of Work (SOW)? - Coursera, Introduction section.

NEW QUESTION 69
A company needs to have structured cabling installed in one of its buildings. Which of the following would be the best document for the company to use to obtain and compare information on cabling services and costs from various vendors?

A. RFB
B. RFQ
C. RFI
D. RFP

Answer: D

Explanation:
A request for proposal (RFP) is the best document for the company to use in this scenario, because it is the most detailed and personalized type of request document. An RFP allows the company to specify the project scope, requirements, deliverables, evaluation criteria, and budget for the structured cabling installation, and to solicit proposals from various vendors that can meet those needs. An RFP also enables the company to compare the vendors based on their qualifications, experience, methodology, and pricing, and to select the best one for the project. An RFP is more suitable than an RFB, RFQ, or RFI, because those documents are less comprehensive and more generic, and they do not provide enough information for the company to make an informed decision. References = CompTIA Project+ Study Guide: Exam PK0-005, Third Edition, Chapter 5: Initiating the Project, page 1131; RFI, RFP, RFQ: Understanding the Differences2; Data Center Structured Cabling RFP Template3

NEW QUESTION 74
Which of the following is required to provide a hardware installation with a Tier 5 redundancy level?

A. Storage project

B. Computer services project
C. Database project
D. Multitiered architecture project

Answer: D

Explanation:
 A multitiered architecture project is a type of project that involves designing and implementing a system that consists of multiple layers or tiers, such as presentation, application, and data. A multitiered architecture project can provide a high level of redundancy, scalability, and performance, as each tier can have multiple servers or components that can handle requests and failures independently. A Tier 5 redundancy level is the highest level of redundancy that requires a fully redundant, mirrored system plus one additional backup unit for every component12.

NEW QUESTION 78
Someone claiming to be from a tax agency sent an email to a team member asking for access to the project repository. Which of the following BEST describes this scenario?

A. Social engineering
B. Phishing
C. Spoofing
D. Hacking

Answer: B

Explanation:
 Phishing is a scenario where someone claiming to be from a legitimate organization sends an email or other message to a target person asking for sensitive information or access to a system or account. Phishing is a type of cyberattack that aims to trick the target into revealing personal or financial data or installing malware on their device. Phishing can compromise the security and privacy of the target and expose them to identity theft, fraud, or other malicious activities.

NEW QUESTION 82
An IT intern was assigned to set up workstations as part of a project. The IT intern was very careful to do the task well and initially referred to notes while performing the task. By the end of the two-week rotation, the IT intern no longer needed the notes and completed more set-ups in less time. Which of the following MOST likely represents the observed relationship in this scenario?
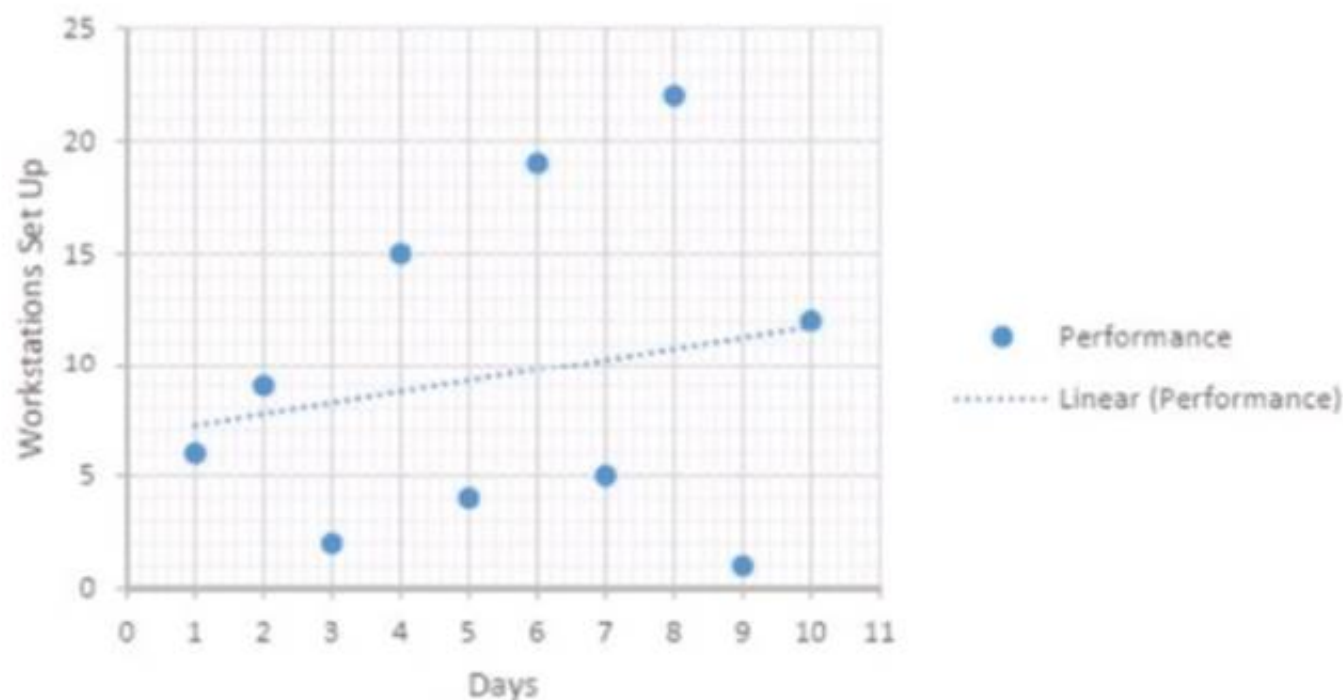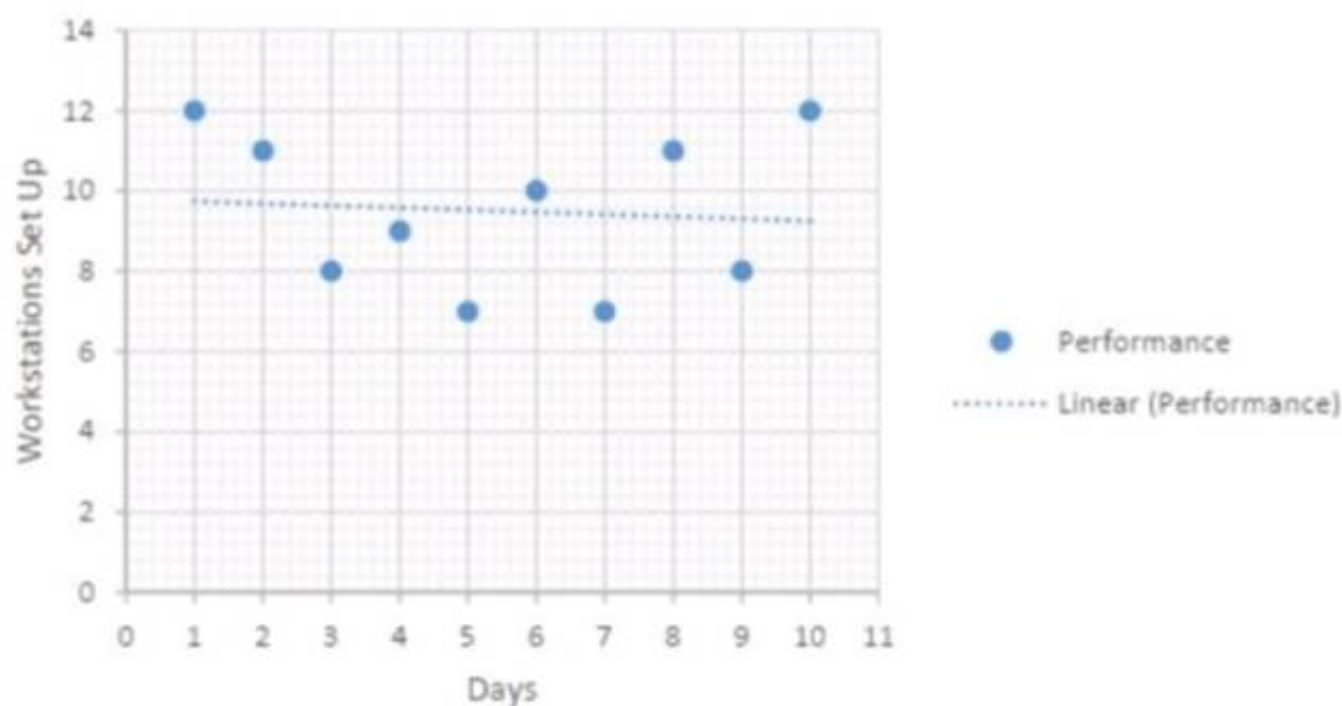A)
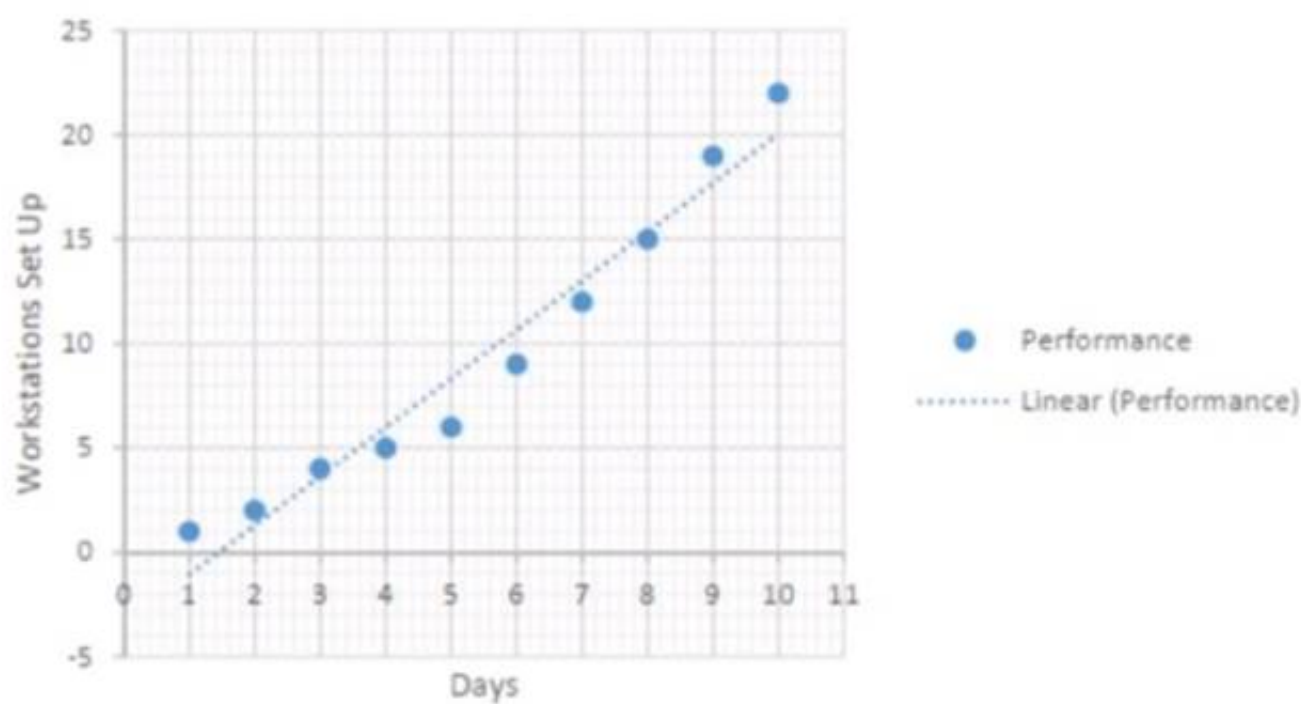
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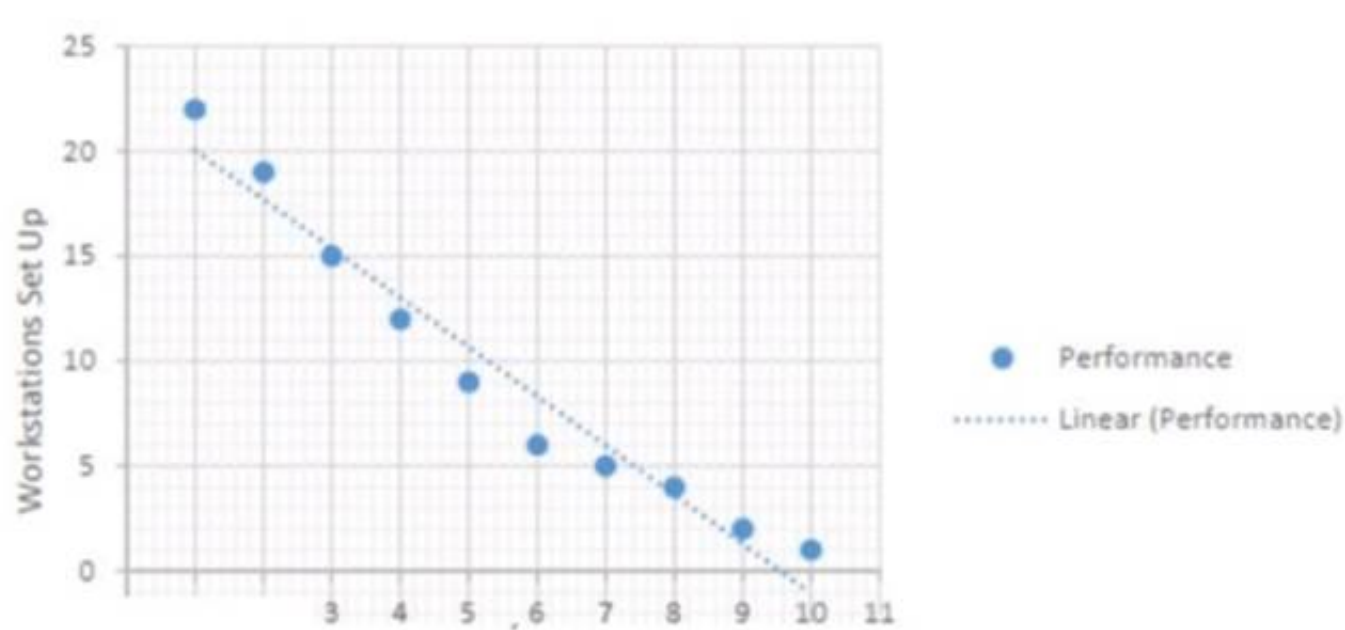
C)

D)

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

Explanation:
 Option C shows a graph that most likely represents the observed relationship in this scenario. The graph shows a learning curve, which is a graphical representation of the relationship between a learner's performance on a task and the number of attempts or time required to complete the task. The learning curve theory proposes that a learner's efficiency in a task improves over time the more the learner performs the task. In this case, the IT intern was able to complete more set-ups in less time as they gained more experience and proficiency over the two-week rotation12

NEW QUESTION 86
Two team members have a minor disagreement on how a task should be performed. The project manager plans to meet with the team members to discuss the matter. Which of the following techniques should the project manager use to emphasize the areas of agreement and downplay the opposing views?

A. Compromising
B. Forcing
C. Smoothing
D. Collaborating

Answer: C

Explanation:
 Smoothing is a conflict resolution technique that involves minimizing or ignoring the differences between the parties and focusing on the common interests or goals1. It is often used when the conflict is not very important or when there is a need to maintain harmony and relationships2. By using smoothing, the project manager can reduce the tension and stress caused by the disagreement and encourage the team members to cooperate and work together. Smoothing is different from compromising, which involves finding a middle ground or a trade-off that partially satisfies both parties; forcing, which involves imposing one's own solution or decision on the other party; and collaborating, which involves finding a win-win solution that fully satisfies both parties3. References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 10: Executing Projects Part 1, page 297; A Quick Guide to Resource Smoothing: Definition, Benefits, and Process, Conflict Resolution Techniques section; Resource Smoothing: How To Use In Project Management | Hive, Smoothing section.

NEW QUESTION 88
Following a successful release, a project manager sent a survey to all stakeholders to gain an understanding of opportunity areas for the team. Which of the following can use the survey results as an input?

A. Daily stand-up
B. Project momentum
C. Performance feedback
D. Meeting minutes

Answer: C

Explanation:
 The project manager can use the survey results as an input for performance feedback for the project team members. Performance feedback is a process of providing constructive and timely information on the performance of individuals or teams in relation to project goals and expectations. Performance feedback can help to motivate, improve, and recognize project team members345
The survey results can be used as an input for performance feedback. Performance feedback involves analyzing and evaluating the performance of the project team and project management against the project plan, including identifying areas for improvement. The survey results can help identify these areas for improvement and provide feedback to the project team on their performance. References: CompTIA Project+ Study Guide Section 4.1.1

NEW QUESTION 90
A project manager reports that the implementation of a new system is on track to be completed under budget and ahead of the schedule. A stakeholder then asks the manager to add mobile device functionality. Which of the following should the project manager do in
response to the request?

A. Decline because it is not included in the project scope.
B. Assess the impact of the request and create a change request
C. Create new functional and non-functional requirements for mobile devices.
D. Revise the baseline of the project plan by adding the new requirements.

Answer: B

Explanation:
 Assess the impact of the request and create a change request. The project manager should assess the impact of the request and create a change request in response to the stakeholder asking to add mobile device functionality to a project that is on track to be completed under budget and ahead of schedule. A change request is a document that formally proposes and records a modification or addition to some aspect of a project, such as scope, schedule, cost, quality, or resources. A change request can help to communicate and justify the need and rationale for the change and its implications on the project objectives and deliverables. A change request also helps to initiate the change control process, which involves reviewing, approving, implementing, and monitoring the change12

NEW QUESTION 92
Given the following information:

Task	Sequence	Duration
A	B,C	10
B	D,E	15
C	F	10
D	G	20
E	G	10
F	H,I	15
G	J	5
H	J	10
I	J	20
J	END	5

Which of the following represents the critical path of the project?

A. A-C-F-I-J
B. A-C-F-H-J
C. A-B-D-G-J
D. A-B-E-G-J
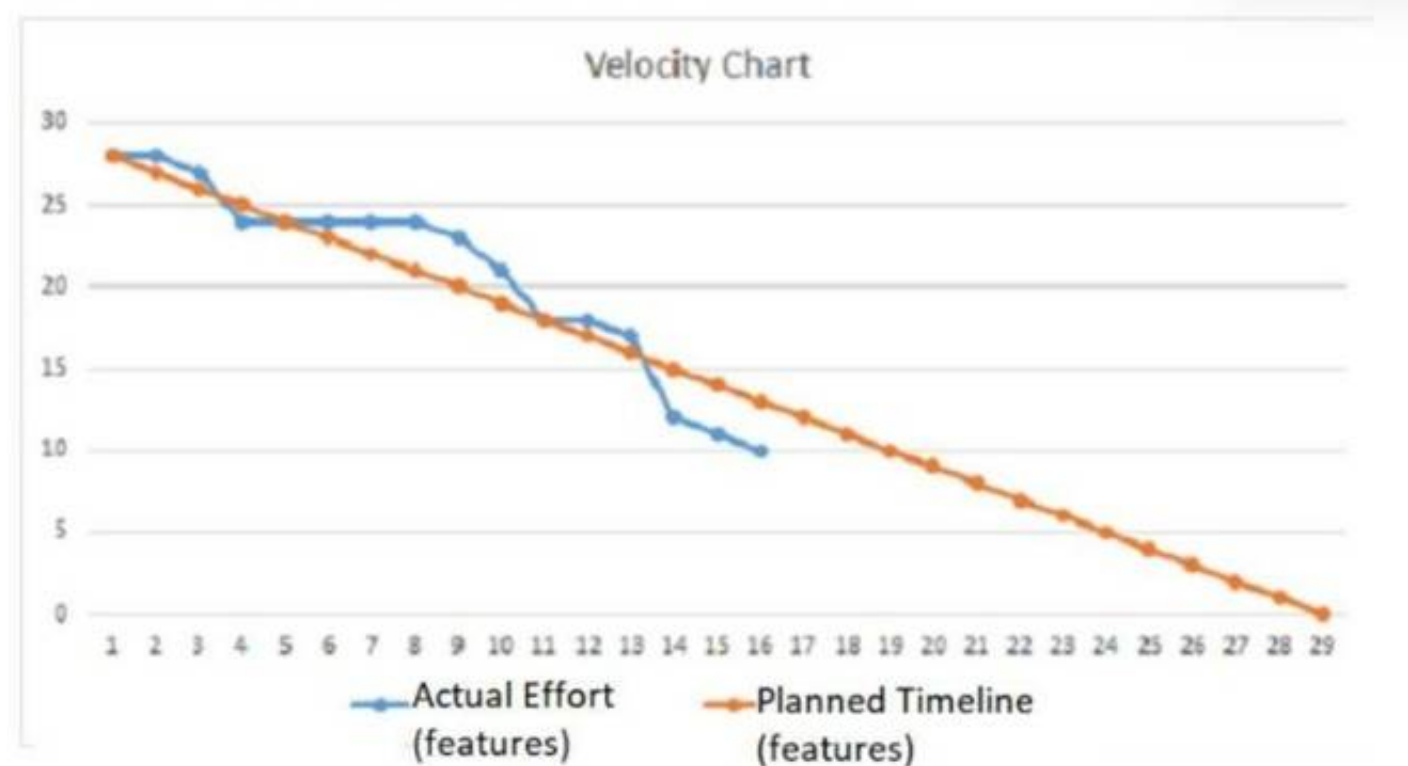
Answer: C

Explanation:
 The critical path of the project is the longest sequence of tasks that must be completed on time for the project to finish on schedule. It determines the shortest possible duration of the project and shows the tasks that have no slack or float. Any delay in the critical path tasks will affect the project completion date. To find the critical path, we need to calculate the earliest start (ES), earliest finish (EF), latest start (LS), latest finish (LF), and slack (S) for each task. We can use the table and the network diagram given in the question to do this. The formula for calculating the slack is $S = LF - EF$ or $S = LS - ES$. A task with zero slack is on the critical path. The calculations are as follows:
Task | Duration | ES | EF | LS | LF | S A | 10 | 0 | 10 | 0 | 10 | 0 B | 15 | 10 | 25 | 10 | 25 | 0 C | 10 | 10 | 20 | 15 | 25 | 5 D | 20 | 25 | 45 | 25 | 45 | 0 E | 10 | 25 | 35 | 35 | 45 | 10 F | 15 | 20 | 35 | 30 | 45 | 10 G | 5 | 45 | 50 | 45 | 50 | 0 H | 10 | 35 | 45 | 40 | 50 | 5 I | 20 | 35 | 55 | 30 | 50 | -5 J | 5 | 50 | 55 | 50 | 55 | 0
Based on the table, we can see that the tasks with zero slack are A, B, D, G, and J. Therefore, the critical path is A-B-D-G-J, which has a total duration of 55 days. The other options are not the correct critical paths, as they either include tasks with positive slack (such as C, E, F, and H) or have a longer duration than 55 days (such as A-C-F-I-J).

NEW QUESTION 97

Which of the following can a project manager infer from the following velocity chart?

A. The project is on schedule.
B. The project Is ahead of schedule.
C. The project is behind schedule.
D. The project is at risk.

Answer: C

Explanation:
 The velocity chart typically shows the amount of work completed over time. If the "Actual Effort" line is below the "Planned Timeline," it indicates that the project is not progressing as fast as planned, hence it is behind schedule. This is inferred by comparing the actual work completed against what was scheduled.
References = The answer is based on standard project management practices and the typical interpretation of velocity charts in project management. For detailed information, please refer to the CompTIA Project+ Study Guide and other official CompTIA resources.

NEW QUESTION 99
Which of the following is the main reason for documenting artifacts?

A. To provide a record of the project's progress and achievements for future reference
B. To show stakeholders that the project is on track and progressing as planned
C. To help team members be aware of roles and responsibilities
D. To ensure that the project team understands the importance of the project to the organization

Answer: A

Explanation:
 Documenting artifacts is the main reason for creating and maintaining project
documents that relate to the management of the project, not the project deliverables. Artifacts are used to define, support, and align the project work to the project requirements and business goals. They also serve as a source of information and evidence for future projects, audits, reviews, and lessons learned1. Documenting artifacts helps to capture the project's history, performance, outcomes, and best practices, which can be useful for organizational learning and improvement2.
References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 14: Closing the Project, page 403; Project Artifacts and How to Use Them - Rebel's Guide to Project Management, Introduction and What are project artifacts in project management? sections; Project Management Artifacts: Definition, Types, and Phases, Introduction and What are project artifacts in project management? sections.

NEW QUESTION 102
A PM is working on the schedule for a project that has technical tasks and requires a SME's knowledge. The PM decides the best way to track this project is to have the project lead provide high-level updates. Which of the following is the best tool to track this data?

A. Gantt chart
B. Project organization chart
C. Program Evaluation Review Technique chart
D. Milestone chart

Answer: D

Explanation:
 A milestone chart is a tool that shows the key events or deliverables of a project along a timeline12. A milestone chart is useful for tracking the progress of a project that has technical tasks and requires a SME's knowledge, because it can provide a high- level overview of the project status, without getting into the details of each task or activity34. A milestone chart can help the PM and the project lead communicate the project achievements, challenges, and expectations to the stakeholders, and also identify any potential risks or delays that may affect the project completion56. A milestone chart is better than the other options because:
? A Gantt chart is a tool that shows the tasks, dependencies, durations, and resources of a project along a timeline7. A Gantt chart is more detailed and complex than a milestone chart, and may not be suitable for providing high-level updates to the stakeholders8.
? A project organization chart is a tool that shows the roles, responsibilities, and reporting relationships of the project team members and other stakeholders9. A project organization chart is not a tool for tracking project data, but rather for defining the project structure and authority10.
? A Program Evaluation Review Technique (PERT) chart is a tool that shows the tasks, dependencies, and critical path of a project along a network diagram. A PERT chart is more focused on the sequence and timing of the project tasks, and may not capture the key milestones or deliverables of the project.

References = CompTIA Project+ Certification Study Guide, CompTIA Project+ Certification Exam Objectives, What is a Milestone Chart?1, How to Create a Milestone Chart in Excel in 3 Steps2, Milestone Chart: The Easiest Way to Track Project Milestones3, How to Use Milestones in Project Management4, What is a Gantt Chart?5, Gantt Chart vs Milestone Chart: What's the Difference?6, What is a Project Organization Chart?7, How to Create a Project Organization Chart8, What is a PERT Chart?9, PERT Chart vs Gantt Chart: What's the Difference?10

NEW QUESTION 105
Which of the following items must be protected as PII? (Select TWO).

A. Job title
B. Home address
C. Work phone number
D. Time zone
E. Date of birth
F. Blood type

Answer: BE

Explanation:
Home address and date of birth must be protected as personally identifiable information (PII). PII is any information that can be used to identify, contact, or locate an individual person, either alone or in combination with other sources. PII can include information such as name, email address, phone number, social security number, passport number, driver's license number, bank account number, credit card number, biometric data, medical records, etc. PII must be protected from unauthorized access, use, disclosure, modification, or destruction to prevent identity theft, fraud, or other malicious activities that may harm the individual's privacy or security.

NEW QUESTION 106
A company that is implementing an updated version of its main product hired a new project manager to lead the project. Prior to the start of the project, the sponsor asked the project manager to prepare a report on the defects found in the previous project to avoid a decrease in production. The report shows that the two main defects are related to cosmetic and physical damage to the product. Which of the following charts would BEST prioritize which defects to address?

A. Pareto
B. Run
C. Control
D. Histogram

Answer: A

Explanation:
The project manager should use a Pareto chart to prioritize which defects to address for the product. A Pareto chart is a type of bar chart that shows the frequency or impact of different causes of problems or defects. It also shows a cumulative line that represents the percentage of the total frequency or impact. A Pareto chart can help to prioritize the causes that have the most significant effect on the quality of the product and apply the 80/20 rule, which states that 80% of the problems are caused by 20% of the causes.

NEW QUESTION 109
After new capabilities were deployed in a system, issues with preexisting capabilities were reported. Which of the following testing cycles should be used to prevent this issue?

A. Performance testing
B. User acceptance testing
C. Stress testing
D. Unit testing

Answer: D

Explanation:
Unit testing is a testing technique that verifies the functionality and quality of individual units or components of software, such as modules, classes, functions, etc. Unit testing can help prevent issues with preexisting capabilities by detecting and fixing errors at an early stage of development, before they affect the integration and system testing. Unit testing can also ensure that new capabilities do not break or interfere with the existing ones, by checking the compatibility and dependencies of the units. Unit testing can be performed by developers using tools and frameworks that automate the process and generate reports. References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 10: Project Quality Management; CompTIA Project+ Certification Exam Objectives, Domain 3: Project Execution, Objective 3.2: Execute quality management activities.

NEW QUESTION 113
During the testing phase of a project, the regression test fails due to a specific item that is disrupting the entire system. Which of the following documents should the project manager use to identify who requested this item?

A. Issue log
B. Risk register
C. Defect log
D. Traceability matrix

Answer: D

Explanation:
A traceability matrix is a document that maps the requirements of a project to the deliverables, test cases, and changes that are produced to meet those requirements. It helps the project manager to track the origin, status, and impact of each requirement throughout the project life cycle. A traceability matrix can also identify who requested or approved each requirement. Therefore, the project manager can use the traceability matrix to identify who requested the specific item that caused the regression test to fail12.

NEW QUESTION 115
A PM has identified all the resources involved in a project. The next step is to identify which resources are responsible for which tasks. Which of the following should be used to document this information?

A. RFI
B. RACI
C. WBS
D. SOW

Answer: B

Explanation:
 The RACI (Responsible, Accountable, Consulted, Informed) matrix is used to document which resources are responsible for which tasks. The RACI matrix is a tool that helps to clarify roles and responsibilities on a project. It assigns a level of responsibility to each resource involved in the project. References: CompTIA Project+ Study Guide Section 3.4.
The project manager should use a RACI matrix to document which resources are responsible for which tasks. A RACI matrix is a type of responsibility assignment matrix
(RAM) that plots the roles and responsibilities of resources on a project team. RACI stands for Responsible, Accountable, Consulted, and Informed. A RACI matrix can help to clarify who does what on a project, avoid confusion and duplication of work, and improve communication and collaboration among team members.

NEW QUESTION 119
A project team needs to understand what needs to be done, who needs to complete the tasks, and when the tasks need to be completed. Which of the following artifacts would be the best to capture this information?

A. SWOT
B. Risk register
C. Project schedule
D. RAC

Answer: C

Explanation:
 A project schedule is an artifact that shows the sequence, duration, and dependencies of the project activities, as well as the resources assigned to each activity. A project schedule helps the project team understand what needs to be done, who needs to complete the tasks, and when the tasks need to be completed. A project schedule can also help monitor and control the project progress and performance1.

NEW QUESTION 120
Which of the following BEST illustrates how team members with different roles should interact on the team?

A. SOW
B. WBS
C. RACI
D. PERT

Answer: C

Explanation:
 RACI is a tool that best illustrates how team members with different roles should interact on the team. RACI is an acronym that stands for responsible, accountable, consulted, and informed. RACI is a type of responsibility assignment matrix (RAM) that defines and clarifies the roles and responsibilities of each team member for each task or activity in a project. RACI can help to improve communication, collaboration, and accountability among team members and avoid confusion, duplication, or conflicts3

NEW QUESTION 121
Which of the following requires the MOST availability from the business team?

A. SDLC
B. Scrum
C. PRINCE2
D. Waterfall

Answer: B

Explanation:
 Scrum requires the most availability from the business team among the given options. Scrum is a popular agile framework that organizes work into short iterations called sprints, usually lasting one to four weeks. Scrum emphasizes collaboration between teams, customers, and stakeholders and encourages open communication and transparency throughout the project lifecycle. Scrum requires frequent involvement and feedback from the business team through activities such as product backlog refinement, sprint planning, sprint review, sprint retrospective, and daily scrum meetings.

NEW QUESTION 126
A project manager is receiving reports of the actual project expenditures and, based on this information, is making adjustments to the budget. In which of the following phases does this occur?

A. Planning
B. Closure
C. Initiation
D. Execution

Answer: D

Explanation:
The execution phase is when the project manager and the team execute the project plan, deliver the project outputs, and monitor and control the project performance. This includes tracking and managing the project budget, scope, schedule, quality, and risks. Making adjustments to the budget based on the actual project expenditures is part of the monitoring and controlling process in the execution phase. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 10: Executing and Closing Projects, p. 263.

NEW QUESTION 129
A team is working on a project that has different stages, such as initiation, planning, execution, and closure. Which of the following is this an example of?

A. Agile
B. Waterfall
C. Standard
D. Hybrid

Answer: B

Explanation:
The waterfall methodology is a project management framework that follows a linear and sequential process, where each stage of the project must be completed before moving on to the next one. The stages of the waterfall model are initiation, planning, execution, and closure, as described in the question12.

NEW QUESTION 130
While managing a project, a PM is assigned to work on a second project. The second project becomes more complex and monopolizes the PM's time. The PM learns that a similarly time-consuming project was executed previously in the organization. Which of the following actions should the PM take?

A. Perform a root cause analysis.
B. Organize a stakeholder meeting
C. Escalate the issue to the CCB
D. Contact the PMO for assistance.

Answer: D

Explanation:
The project manager should contact the project management office (PMO) for assistance after learning that a similarly time-consuming project was executed previously in the organization. A PMO is a department or group within an organization that provides centralized guidance, governance, standards, best practices, resources, and oversight for project management activities. A PMO can help the project manager by providing access to historical data, lessons learned, templates, tools, methodologies, and expertise from previous projects that can be useful for planning and executing the current project.

NEW QUESTION 133
In order to complete a major project deliverable, very specialized resources are required for some tasks. The PM failed to take into consideration during planning that the required resources would be available for fewer hours than required. Which of the following should the PM do first to make schedule changes?

A. Add a new risk.
B. Perform an impact analysis.
C. Escalate to the sponsor.
D. Raise a change request.

Answer: B

Explanation:
According to A Guide To Schedule Updating in Project Management, one of the best practices for effective schedule updating is to perform an impact analysis before making any changes to the schedule. An impact analysis helps the project manager to assess the effects of the change on the project scope, cost, quality, risk, and stakeholder expectations. It also helps to identify the best options for resolving the issue and minimizing the negative impacts. By performing an impact analysis first, the project manager can make informed decisions and communicate them clearly to the project team and stakeholders.

NEW QUESTION 137
A project is running over budget, and due to new legislation in the country, the company needs to release all its contractors on the project or hire them as full-time employees. Which of the following should the PM do next to comply with the new legislation?

A. Use only full-time employees even if the project is delayed.
B. Hire all team members to avoid any delay in the project.
C. Close the contract and pay the contractors cash for the remainder of the project.
D. Look for an overseas vendor to finalize the project work.

Answer: A

Explanation:
In response to new legislation requiring the release of contractors or their conversion to full-time employees, the project manager should prioritize compliance with the law. This may involve using only full-time employees, even if it results in project delays. The focus should be on legal compliance and the ethical treatment of workers, rather than solely on project timelines.
References = The answer is based on standard project management practices and the typical response to changes in legislation affecting project staffing. For detailed information, please refer to the CompTIA Project+ Study Guide and other official CompTIA resources.

NEW QUESTION 142
Defects associated with project deliverables have been reported. The project team needs to find the cause of the defects. Which of the following tools should the project team use to find the cause?

A. Kanban board

B. Pareto chart
C. Ishikawa diagram
D. Decision tree

Answer: C

Explanation:
An Ishikawa diagram is a tool that the project team should use to find the cause of the defects associated with project deliverables. An Ishikawa diagram, also known as a fishbone diagram or a cause-and-effect diagram, is a graphical tool that shows the possible causes of a problem or effect using a fishbone-like structure. An Ishikawa diagram can help to identify and analyze the root causes of defects or issues and find solutions to prevent or eliminate them.

NEW QUESTION 144
A PM is working with stakeholders in the discovery phase and comparing the cost of the project to the cost savings the project will produce when it is complete. The output of this exercise will produce the:

A. ROI.
B. SOW.
C. RFI.
D. RPR

Answer: A

Explanation:
The output of this exercise where the project manager is comparing the cost of the project to the cost savings the project will produce when it is complete will produce the return on investment (ROI). ROI is a financial metric that measures the profitability or efficiency of an investment by comparing its benefits or returns to its costs. ROI can help to evaluate the value or worth of a project and support decision making and prioritization. ROI is calculated by dividing the net benefits (benefits minus costs) by the total costs and multiplying by 100 to get a percentage.

NEW QUESTION 147
Two team members have a minor disagreement on how a task should be performed. The project manager plans to meet with the team members to discuss the matter. Which of the following techniques should the project manager use to emphasize the areas of agreement and downplay the opposing views?

A. Compromising
B. Forcing
C. Smoothing
D. Collaborating

Answer: C

Explanation:
Smoothing is a conflict resolution technique that involves emphasizing the areas of agreement and minimizing the areas of difference. It is useful when the conflict is minor and the relationship between the parties is more important than the issue. Smoothing can help maintain harmony and avoid further escalation of the conflict1.

NEW QUESTION 150
A project manager prefers to have immediate contact with team members because it allows for faster response times and more interactive discussions. Which of the following communication methods should the project manager use?

A. Synchronous
B. Informal
C. Asynchronous
D. Formal

Answer: A

Explanation:
The project manager should use synchronous communication methods if they prefer to have immediate contact with team members. Synchronous communication is a type of communication that occurs in real time and allows for faster response times and more interactive discussions. Examples of synchronous communication methods include phone calls, video conferences, instant messaging, and face-to-face meetings. Synchronous communication can help to build rapport, clarify doubts, and resolve issues quickly among team members.
Synchronous communication should be used when the project manager prefers to have immediate contact with team members. Synchronous communication allows for real-time interaction and feedback, enabling faster response times and more interactive discussions. References: CompTIA Project+ Study Guide Section 3.1.3

NEW QUESTION 154
During an agile project, a team member checked the project artifacts in order to anticipate when all the work should have been completed. Which of the following charts was the team member most likely consulting?

A. Pareto chart
B. Milestone chart
C. Burndown chart
D. Gantt chart

Answer: C

Explanation:
A burndown chart is a visual representation of the remaining work versus the time required to complete it1. It is commonly used by agile teams to track the progress of each iteration or sprint and to forecast the project completion date2. A burndown chart shows the ideal work remaining line and the actual work

remaining line, which can help the team identify any deviations or impediments and adjust accordingly1. A burndown chart is different from a Pareto chart, which shows the frequency of different causes of problems; a milestone chart, which shows the key events and deliverables of a project; and a Gantt chart, which shows the dependencies and durations of tasks in a project3. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 6: Planning Projects Part 2, page 173; Burndown Chart: What Is It & How to Use One for Agile - ProjectManager, Introduction and Components of a Burndown Chart sections; Burndown Chart: What it is, How to Use it, Example [2023] • Asana, Introduction and What is a burndown chart? sections.

NEW QUESTION 158
An software engineer is applying new updates to a program in a sandbox environment. Which of the following risk strategies best describes this practice?

A. Transfer
B. Mitigate
C. Avoid
D. Accept

Answer: B

Explanation:
Mitigate is a risk strategy that involves taking actions to reduce the probability or impact of a risk. By applying new updates to a program in a sandbox environment, the software engineer is testing the changes before implementing them in the actual system, thus minimizing the chance of errors or failures that could affect the project1.

NEW QUESTION 159
A project manager and team are reviewing a task that is supposed to take nine days to complete and cost $3,000. There is a 20% chance that an associated risk related to changing requirements could occur, resulting in rework that would add an additional five days and $1,000 in costs. Which of the following represents the total amount that should be budgeted for the task?

A. 9 days and $3,000
B. 10 days and $3,200
C. 12 days and $3,800
D. 14 days and $4,000

Answer: B

Explanation:
The total amount that should be budgeted for the task is calculated by adding the expected value of the risk to the original estimate. The expected value of the risk is the product of the probability and the impact of the risk. In this case, the expected value of the risk is 0.2 x (5 days and $1,000) = 1 day and $200. Therefore, the total amount that should be budgeted for the task is 9 days and $3,000 + 1 day and $200 = 10 days and $3,2001.

NEW QUESTION 160
Given the following velocity chart:

Which of the following updates on the project status should the Scrum master provide to the senior management team?

A. The project utilized all of its available reserve.
B. The project has scope creep.
C. The project deviated from the critical path.
D. The project is trending ahead of schedule.

Answer: D

Explanation:
A velocity chart is a tool used in agile project management to track the progress and performance of a project team over time. It shows the number of features or user stories completed in each iteration or sprint. The planned timeline line represents the expected or ideal velocity, while the actual effort line shows the actual or achieved velocity. By comparing the two lines, the Scrum master can identify any gaps, trends, or issues in the project delivery.
Based on the image, the most likely update that the Scrum master can provide to the senior management team is D. The project is trending ahead of schedule. This is because the actual effort line is above the planned timeline line for most of the time, indicating that the project team is completing more features than expected in each sprint. This means that the project is ahead of schedule and has a positive velocity variance.

NEW QUESTION 163
Which of the following is a test that is done on an existing system to ensure the previous functionality still works after a change has been made?

A. Smoke testing
B. Regression testing
C. Unit testing
D. User acceptance testing

Answer: B

Explanation:
Regression testing is a type of testing that is done on an existing system to ensure that the previous functionality still works after a change has been made. Regression testing is a process of retesting or verifying that a software system or application still performs as expected after it has been modified or updated with new features, bug fixes, patches, etc. Regression testing can help to detect any errors or defects that may have been introduced by the change and ensure that no functionality has been broken or degraded.

NEW QUESTION 166
During the planning phase, a PM reviews the SOW from the contractor, grades the full-time equivalents' resumes, evaluates the titles and salaries, and estimates the number of hours for each milestone by full-time equivalents. The PM is most likely:

A. negotiating resources.
B. assigning resources.
C. assessing the resource pool.
D. adding resources to the schedule.

Answer: C

Explanation:
Assessing the resource pool is the process of identifying and evaluating the availability, skills, and costs of the resources needed for the project. The PM reviews the SOW from the contractor to understand the scope and requirements of the project, grades the full-time equivalents' resumes to determine their qualifications and suitability for the project, evaluates the titles and salaries to estimate the budget and allocation of the resources, and estimates the number of hours for each milestone by full-time equivalents to plan the schedule and workload of the project12.

NEW QUESTION 169
A PM is meeting with the project team to identify the baseline go-live date, the operational training, and the handoff procedures. Which of the following phases is the project team performing?

A. Initiation
B. Closing
C. Execution
D. Planning

Answer: B

Explanation:
The closing phase is when the project manager and the team finalize the project, deliver the outcomes to the customer, obtain formal acceptance, conduct lessons learned, and hand over the project to the operations team. Identifying the baseline go-live date, the operational training, and the handoff procedures are part of the closing activities that ensure a smooth transition and closure of the project. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 14: Closing Projects, p. 333-334.

NEW QUESTION 174
While in the closing phase of a project, the project manager gathers feedback from stakeholders. Which of the following best describes a benefit of this feedback?

A. It highlights the performance issues of the project manager and team members.
B. It lets the project manager know which stakeholders are allies for future projects.
C. It helps the project manager create a more structured lessons-learned session.
D. It identifies the stakeholders' real opinions about the project.

Answer: C

Explanation:
Gathering feedback from stakeholders in the closing phase of a project is a valuable activity that can help the project manager create a more structured lessons-learned session. A lessons-learned session is a meeting where the project team and stakeholders review the project outcomes, successes, failures, and best practices, and document the lessons learned for future reference and improvement. Feedback from stakeholders can provide useful insights, perspectives, and suggestions on how the project was managed, what went well, what went wrong, and what can be done better next time. Feedback from stakeholders can also help the project manager identify the gaps, issues, and risks that occurred during the project, and how they were resolved or mitigated. By collecting and analyzing feedback from stakeholders, the project manager can create a more comprehensive and structured lessons-learned report that can benefit the organization and the project management profession12.
The other options are not the best descriptions of the benefit of feedback from stakeholders. While feedback from stakeholders may highlight the performance issues of the project manager and team members (option A), or identify the stakeholders' real opinions about the project (option D), these are not the primary purposes or benefits of feedback. Feedback from stakeholders is not meant to evaluate or judge the project manager or team members, but to learn from the project experience and improve the project management processes and practices. Similarly, feedback from stakeholders is not meant to reveal their personal feelings or preferences about the project, but to assess the project results and deliverables against the project objectives and requirements. Feedback from stakeholders may also let the project manager know which stakeholders are allies for future projects (option B), but this is not a direct or significant benefit of feedback. Feedback from stakeholders is not intended to build or maintain relationships with stakeholders, but to solicit their input and feedback on the project performance and outcomes. While having allies among stakeholders may be helpful for future projects, this is not the main goal or benefit of feedback from stakeholders1

NEW QUESTION 177

A critical business initiative introduced new processes and technology to the organization. Which of the following approaches should be used to ensure the deliverables are increasingly adopted and leveraged by the organization over time?

A. Creation of a social news forum
B. Management directives to use the new system
C. New user kickoff meeting
D. Monthly feedback and training sessions

Answer: D

Explanation:
Monthly feedback and training sessions are the best approach to ensure that the deliverables of a critical business initiative are increasingly adopted and leveraged by the organization over time. Feedback and training sessions are communication and learning activities that provide information and guidance on how to use and benefit from the new processes and technology introduced by the initiative. Feedback and training sessions can help to increase awareness, understanding, acceptance, and adoption of the deliverables among the organization's employees and stakeholders. They can also help to identify and address any issues or challenges that may arise during the implementation and transition phases.

NEW QUESTION 180
In the initiation phase, a PM is reviewing the objectives, the high-level requirements, the success criteria, and the budget resources. Which of the following action items will benefit from this analysis?

A. Developing a RACI
B. Identifying and assessing stakeholders
C. Assigning project resources
D. Establishing communication channels

Answer: B

Explanation:
Identifying and assessing stakeholders is an action item that will benefit from the analysis of the objectives, the high-level requirements, the success criteria, and the budget resources in the initiation phase. By reviewing these elements, the PM can determine who are the key individuals or groups that have an interest or influence in the project, what are their expectations and needs, and how to engage them effectively throughout the project life cycle12.

NEW QUESTION 182
A project manager sent equipment to a global project team for testing purposes. Only 70% of the project team received the equipment for testing. Which of the following considerations is impacting the rest of the team?

A. Quality assurance
B. Organizational branding restrictions
C. State privacy acts
D. Country legal regulations

Answer: D

Explanation:
Country legal regulations. Country legal regulations are impacting the rest of the team that did not receive the equipment for testing. Country legal regulations are rules and laws that govern how businesses operate in different countries. They may include
aspects such as customs, tariffs, taxes, import and export restrictions, data protection, intellectual property rights, and environmental standards. Country legal regulations can affect the delivery and use of equipment for a global project team and may require compliance with different procedures and documentation3

NEW QUESTION 184
A project team evaluated the performance of a new reporting system and the quantity of queries to be processed during predetermined time stamps.
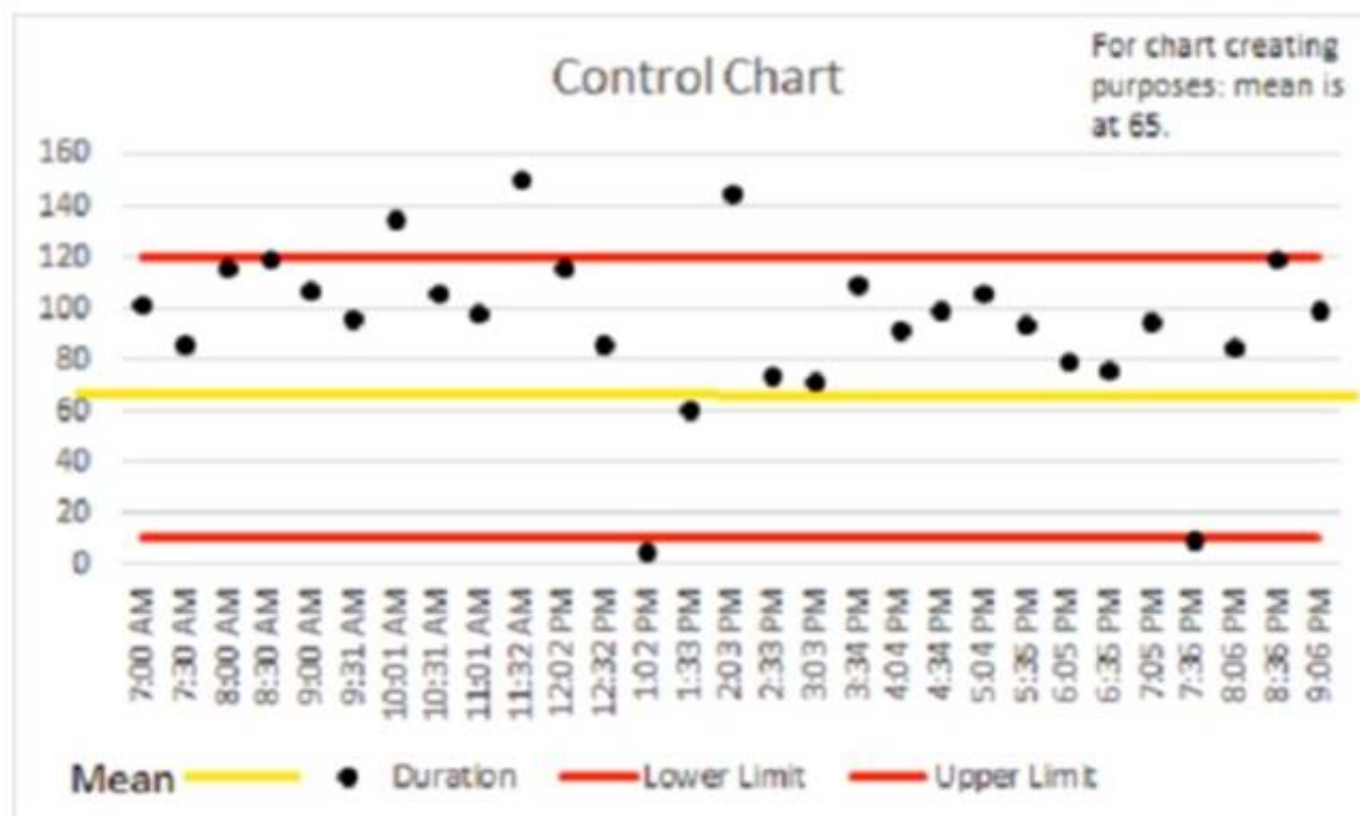
Which of the following is the current status of the process?

A. Based on the rule of seven, the process is under control

B. The amount of data is insufficient to determine if quality is low.
C. The process is out of control and should be revised.
D. The goal should be adjusted since most of the data points are close to the lower limit.

Answer: C

Explanation:
 The process is out of control and should be revised. The project manager can use the rule of seven to determine the status of the process based on the control chart.
The rule of seven states that if seven or more consecutive measurements fall on one side
of the mean that there's an assignable cause that needs investigation. In this case, the last seven data points are all below the mean, which indicates that the process is out of control and in need of adjustment12

NEW QUESTION 189
Two developers are discussing the design solution for a particular feature. The meeting is taking longer than expected, and the parties have been unable to reach an agreement. The project manager decides to take a break and continue the meeting on another day. Which of the following techniques is the project manager using?

A. Avoiding
B. Smoothing
C. Forcing
D. Compromising

Answer: A

Explanation:
 Avoiding is a conflict resolution technique that involves postponing or withdrawing from a conflict situation. The project manager is using this technique by taking a break and continuing the meeting on another day, hoping that the conflict will resolve itself or become less important over time. This technique may be appropriate when the conflict is trivial, the potential damage is greater than the benefits, or more information is needed before making a decision. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 10: Executing and Closing Projects, page 287; [CompTIA Project+ Certification Exam Objectives], Domain 3: Project Execution, Objective 3.2: Given a scenario, apply appropriate conflict resolution techniques.

NEW QUESTION 190
A project manager has decided to outsource portions of a project and will conduct a separate procurement. In which of the following phases does this task occur?

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

Answer: A

Explanation:
 This answer is based on the understanding that outsourcing is a form of procurement, which is one of the knowledge areas in project management. Procurement involves acquiring goods and services from external sources to support the project objectives. According to the CompTIA Project+ Study Guide1, procurement activities occur mainly in the planning phase of the project, where the project manager identifies the project needs, defines the scope of work, evaluates the potential vendors, and prepares the procurement documents. The other options are not correct because:
? Initiating is the phase where the project manager defines the project purpose, objectives, and deliverables, and obtains the project charter and stakeholder approval. Initiating does not involve procurement activities, although it may involve some preliminary research on the feasibility and availability of external resources.
? Controlling is the phase where the project manager monitors and measures the project performance, compares it with the baseline, and implements corrective actions if needed. Controlling does involve some procurement activities, such as reviewing the vendor deliverables, managing the changes, and resolving the issues, but these are not the main tasks of procurement.
? Executing is the phase where the project manager leads and directs the project team and other resources to complete the project work according to the plan. Executing does involve some procurement activities, such as selecting the vendor, signing the contract, and managing the relationship, but these are not the main tasks of procurement. References = CompTIA Project+ Study Guide: Exam PK0- 005, 3rd Edition, Chapter 8: Planning Projects, Part 4 (Procurement and Communication), pages 243-260; CompTIA Project+ Certification Exam Objectives, Domain 2: Project Planning, Objective 2.5: Given a scenario, plan procurement for a project.

NEW QUESTION 192
Which of the following should be considered first when determining the privacy management for project data?

A. Evaluating the current privacy protection program
B. Understanding applicable privacy regulations
C. Maintaining awareness of industry best practices
D. Implementing security role-based controls

Answer: B

Explanation:
 Before starting a new project that involves personal data, the project manager should first understand the relevant privacy regulations that apply to the data subjects, the data controllers, and the data processors. These regulations may vary depending on the location, industry, and nature of the data. For example, GDPR applies to any project that processes the personal data of individuals in the European Union, regardless of where the project is based or executed. Understanding the applicable privacy regulations will help the project manager to identify the legal obligations, risks, and compliance requirements for the project data. References = CompTIA Project+ Study Guide, Chapter 3: Project Planning, Section 3.4: Data Privacy and Security, p. 121-122; A Project Management Approach to Data Protection Compliance; 10 Data Protection Considerations Before Starting a New Project; Project Teams Must Manage Risk and New Requirements to Ensure Data Privacy

NEW QUESTION 196

A project team member wrote a user guide over the past ten days. Given the following scatter diagram.
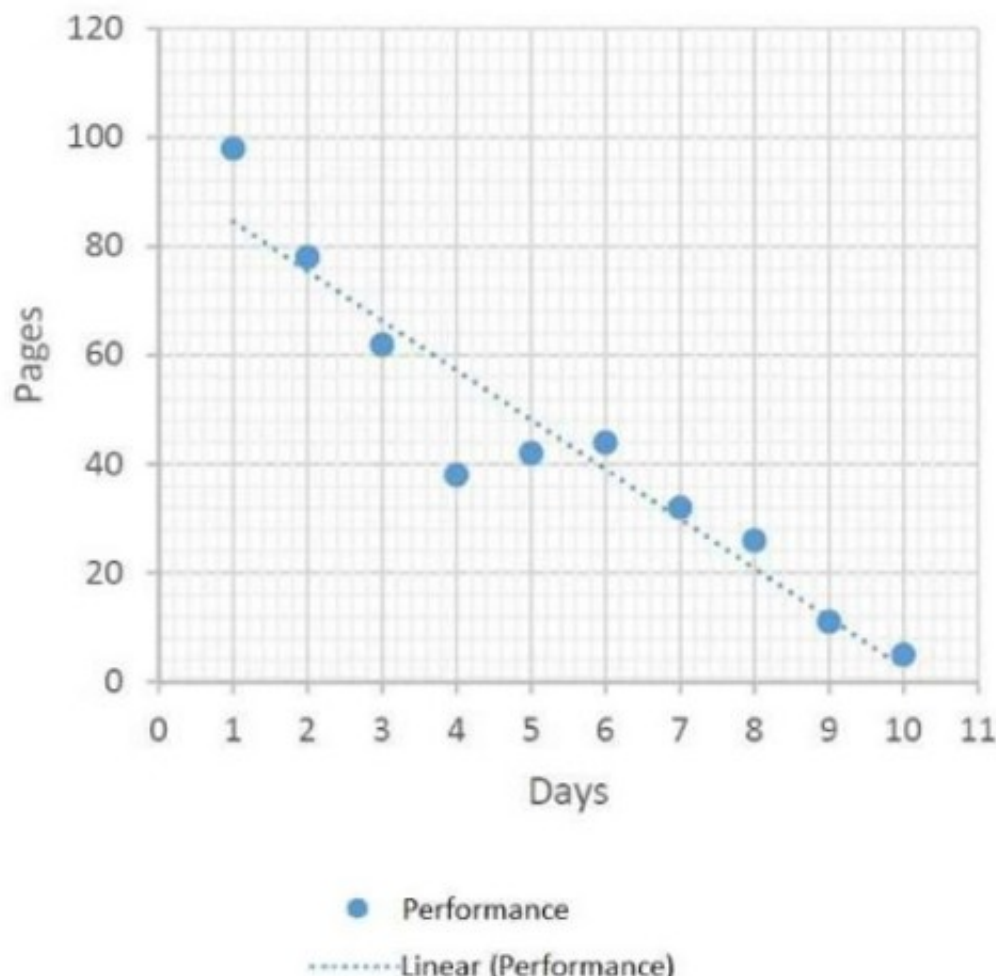
Which erf the following can be formally conducted?

A. The team member prioritized other tasks over the completion of this task
B. The learn member had performance issues over time.
C. There is a negative correlation with 6me and output
D. This is a display of units of outstanding work to predict completion

Answer: C

Explanation:
 The scatter diagram shows a clear negative correlation between time (days) and output (pages), meaning as time progresses, the number of pages completed decreases. This is evident from the downward trend of the plotted points on the graph. References = CompTIA Project+ Certification Study Guide, Chapter 3: Project Execution, page 130; CompTIA Project+ Certification Exam Objectives, Domain 3.0: Project Execution, Objective 3.3: Analyze project performance by using appropriate tools and techniques, Sub-objective 3.3.2: Given a scenario, interpret the results of data analysis using appropriate tools and techniques, Knowledge of: Scatter diagrams.

NEW QUESTION 197
A project manager is coordinating multiple teams of six people that will each provide feedback for a new product. The teams are recording their opinions, which may be used to define the final product that is sent to mass production. Which of the following best describes this technique?

A. Demonstration
B. Workshop
C. Brainstorming
D. Focus group

Answer: D

Explanation:
 A focus group is a technique that involves gathering a group of people who share some characteristics or interests related to a product, service, or issue, and asking them for their opinions, perceptions, or feedback. The project manager acts as a moderator or facilitator who guides the discussion and records the results. A focus group can help to collect information from a representative sample of the target population, explore ideas, identify needs and preferences, and support the completion of larger projects. The other options are not correct because:
? A demonstration is a technique that involves showing the features or capabilities of a product, service, or process to the stakeholders or customers, usually in a live or simulated environment. A demonstration can help to validate the requirements, obtain feedback, and verify the functionality of a deliverable.
? A workshop is a technique that involves bringing together a group of stakeholders or experts to work on a specific topic, problem, or issue, usually in a structured and facilitated way. A workshop can help to define the scope, plan the activities, identify the risks, resolve the conflicts, and generate the solutions of a project.
? Brainstorming is a technique that involves generating a large number of ideas or alternatives for a problem or opportunity, usually in a creative and spontaneous way. Brainstorming can help to enhance the creativity, diversity, and quality of the ideas, and encourage the participation and collaboration of the team members. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 6: Planning Projects, Part 2 (Scope, Quality, and Risk), page 191; CompTIA Project+ Certification Exam Objectives, Domain 2: Project Planning, Objective 2.1: Given a scenario, create a project charter and project management plan.

NEW QUESTION 200
Government projects require that personnel submit to background screenings for certain clearance requirements. Which of the following best describes this process?

A. Data security
B. Operational security
C. Physical security
D. Digital security

Answer: B

Explanation:
 Operational security is the process of identifying, protecting, and controlling sensitive information and activities from unauthorized access or disclosure. Operational security includes background screenings for personnel who need to access classified or restricted information or resources, as well as implementing policies and procedures to prevent leaks, breaches, or espionage. Operational security is essential for government projects that involve national security, defense, intelligence, or law enforcement. Operational security is different from data security, which is the process of safeguarding data from unauthorized access, use, modification, or destruction. Data security includes encryption, authentication, authorization, backup, and recovery of data. Operational security is also different from physical security, which is the process of securing physical assets, such as equipment, data, or personnel, from unauthorized access or damage. Physical security includes locks, alarms, cameras, guards, and fences. Operational security is also different from digital security, which is the process of protecting digital devices, networks, and systems from cyberattacks, malware, or hacking. Digital security includes firewalls, antivirus, VPN, and passwords. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 9: Security Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 9: Security Management2; What is Operational Security (OPSEC)?3

NEW QUESTION 205
A key stakeholder recommends to a senior developer that a new feature be added. The new feature is not part of the current requirement documentation. Which of the following is MOST likely happening?

A. Scope creep
B. Collecting requirements
C. Decision-making
D. Project change

Answer: A

Explanation:
 Scope creep is most likely happening when a key stakeholder recommends to a senior developer that a new feature be added that is not part of the current requirement documentation. Scope creep is a term that refers to the uncontrolled expansion or change of a project's scope beyond its original boundaries or objectives. Scope creep can happen due to various reasons, such as changing customer demands, unclear or incomplete requirements, poor communication, lack of change control, or stakeholder interference. Scope creep can have negative impacts on a project, such as delays, cost overruns, quality issues, or reduced customer satisfaction12

NEW QUESTION 210
To gather requirements from stakeholders, the project manager sits down with them and allows them to discuss freely. Which a following technique is the project manager utilizing?

A. Process moving
B. Brainstorming
C. Interview
D. Focus group

Answer: D

Explanation:
 A focus group is a technique that involves bringing together a group of stakeholders and facilitating a discussion to elicit their opinions, needs, and expectations about the project. This technique can help to gather requirements from stakeholders in an interactive and collaborative way1, p. 67

NEW QUESTION 211
A third party needs to perform a short-term task for which the duration cannot be accurately estimated and the cost cannot be calculated in advance. Which of the following should the project manager put in place before work begins?

A. Time and materials contract
B. Master service agreement
C. Fixed-price contract
D. Statement of work
E. Cost-plus agreement

Answer: A

Explanation:
 The project manager should put in place a time and materials contract before work begins for a third party that needs to perform a short-term task for which the duration cannot be accurately estimated and the cost cannot be calculated in advance. A time and materials contract is a type of contract where the buyer pays the seller based on the actual time spent and materials used during the project. A time and materials contract is suitable for projects that have uncertain or variable scope, duration, or cost. A time and materials contract can provide flexibility and adaptability for both parties and allow them to adjust to changing requirements or circumstances.

NEW QUESTION 213
A few weeks before a project is scheduled to be completed, the client asks to add a new feature to the product that is being developed. The project manager analyzes the project schedule and determines the feature can be implemented quite easily without affecting the completion date. Which of the following should the project manager do first?

A. Escalate the change to the CCB.
B. Review the requested change.
C. Document the change recommendations.
D. Validate the implementation of the requested change.

Answer: B

Explanation:

The project manager should review the requested change first to assess its impact, feasibility, and alignment with the project objectives and scope. Reviewing the change will help the project manager to determine if the change is necessary, beneficial, and acceptable to the stakeholders. The project manager should also consider the risks, costs, and quality implications of the change before proceeding to the next steps of the change management process123. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 9: Project Change Management, p. 323; 5 Steps in the Change Management Process | HBS Online; 8 Steps for an Effective Change Management Process - Smartsheet

NEW QUESTION 215

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