

CompTIA

Exam Questions PK0-005

CompTIA Project+ Certification Exam



NEW QUESTION 1

A project manager buys an extended warranty for a set of servers. Which of the following risk management strategies is the manager using?

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

Answer: A

Explanation:

Transfer is a risk management strategy that involves shifting the responsibility or impact of a risk to a third party, such as an insurance company, a vendor, or a contractor¹. By buying an extended warranty for a set of servers, the project manager is transferring the risk of server failure or malfunction to the warranty provider, who will cover the cost of repair or replacement in case of a risk event. This way, the project manager reduces the exposure and liability of the project to the risk, while still retaining some level of accountability and oversight². References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 8: Planning Projects Part 4, page 245; 4 Risk Management Strategies for Successful Project Execution, Risk transferring section; How to Manage Project Risk: A 5-Step Guide, Risk treatment section.

NEW QUESTION 2

Several months after a project has ended, a project team member is still charging time to the project and is unable to charge time to new projects. Which of the following did the project manager neglect to do?

- A. Remove the team member's access.
- B. Release the project resources.
- C. Collect the stakeholders' feedback.
- D. Have the closeout report approved.

Answer: B

Explanation:

Releasing the project resources is the process of formally ending the involvement of the project team members and other resources in the project. It also involves updating the resource availability and performance records, and providing feedback and recognition to the resources. Releasing the project resources is an important part of the project closure phase, and it helps to avoid unnecessary costs and conflicts. If the project manager neglects to release the project resources, the team members may still charge time to the project and be unable to work on new projects¹².

NEW QUESTION 3

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 4

Which of the following activities would be performed during the project closure phase when the waterfall methodology is being used? (Select two).

- A. Creating a backlog
- B. Managing the quality of deliverables
- C. Updating the issue log
- D. Performing a risk assessment
- E. Validating the deliverables
- F. Reconciling the project budget

Answer: EF

Explanation:

During the project closure phase in the waterfall methodology, it is crucial to validate the deliverables to ensure that all project requirements have been met and the project outputs are complete and satisfactory. Additionally, reconciling the project budget is performed to ensure all financial records are accurate and reflect the actual project costs, which is essential for the formal closing of the project. References = CompTIA Project+ Certification Study Guide (PK0-005)

NEW QUESTION 5

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 6

A team member identifies a critical issue in production. Which of the following should the project manager apply?

- A. Compliance check
- B. Release plan
- C. Rollback plan
- D. Validation check

Answer: C

Explanation:

A rollback plan, also known as a backout plan, is a strategy designed to reverse changes made during a project in case of failure or undesired results¹. A rollback plan is a form of risk response that allows the project to restore the previous state and minimize the impact of the issue. A rollback plan is usually created during the planning phase and implemented during the execution or closing phase of the project. The other options are not correct because:

? A compliance check is a process that ensures that the project meets the relevant standards, regulations, and requirements. A compliance check is not a risk response, but rather a quality control or assurance activity.

? A release plan is a document that outlines the scope, schedule, and resources for delivering a product or service to the customer. A release plan is not a risk response, but rather a communication or scope management tool.

? A validation check is a process that verifies that the project deliverables meet the customer's needs and expectations. A validation check is not a risk response, but rather a quality control or assurance activity. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 10: Executing and Closing Projects, page 314; CompTIA Project+ Certification Exam Objectives, Domain 3: Project Execution, Objective 3.2: Given a scenario, execute and monitor project tasks using traditional methodologies; Backout Plan - DevX

NEW QUESTION 7

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 8

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 9

During the stabilization phase for recently deployed software, an end user reports a bug that is compromising data integrity. Which of the following tools will the

project manager MOST likely use?

- A. Issue log
- B. Defect log
- C. Change log
- D. Task board

Answer: B

Explanation:

During the stabilization phase of recently deployed software, the project manager will most likely use a defect log to track and manage reported bugs. A defect log is a document that contains information about the defects or issues identified during testing or after the deployment of software. It includes the severity of the defect, the steps to reproduce the problem, and the actions taken to resolve the defect. References: CompTIA Project+ Study Guide Section 4.1.

The project manager will most likely use a defect log during the stabilization phase for recently deployed software to record a bug that is compromising data integrity. A defect log is a tool that tracks and documents any errors or flaws found in a software product or system during testing or operation. It usually includes information such as defect ID, description, severity, priority, status, resolution, and responsible person. A defect log can help to monitor and manage the quality of the software product or system and ensure that all defects are identified and resolved before delivery or release.

NEW QUESTION 10

After months of recruiting, a team finally found the right candidate for a very specific coding language assignment. Due to this delay, the team has a tight timeline without any float. A day before the candidate is scheduled to join the team, the project manager realizes the candidate has a non-compete agreement from the previous employer. Which of the following should the project manager do?

- A. Withdraw the offer to the candidate and raise this as a risk.
- B. Ignore a potential lawsuit since this is a critical project.
- C. Use a third-party company for the contract to legally avoid responsibility.
- D. Have a meeting with the project sponsor to discuss the situation.

Answer: D

Explanation:

The project manager should inform the project sponsor about the issue and seek their guidance and support. The project sponsor is the person who provides the resources and authority for the project, and who can help resolve any conflicts or problems that may arise. The project manager should not withdraw the offer, ignore the lawsuit, or use a third-party company without consulting the project sponsor first, as these actions may have legal, ethical, or financial implications for the project and the organization¹².

NEW QUESTION 10

A project manager needs to ensure that the products produced during the project meet the highest quality standards and that team members understand the importance of these standards. Which of the following should the project manager do?

- A. Train the team members.
- B. Assess the resource pool.
- C. Develop a QA plan.
- D. Create RACI matrix.

Answer: C

Explanation:

A QA plan, or quality assurance plan, is a document that specifies the quality standards, practices, resources, specifications, and activities for a product, service, project, or contract. A QA plan helps to ensure that the products produced during the project meet the highest quality standards and that the project objectives and customer requirements are met. A QA plan also helps to communicate the quality expectations and responsibilities to the team members and other stakeholders, and to monitor and control the quality performance throughout the project. Developing a QA plan is one of the key tasks of the project manager, as it is part of the project scope management and project quality management processes¹²³. References = CompTIA Project+ Study Guide: Exam PK0- 005, 3rd Edition, Chapter 3: Project Scope Management, p. 97; Chapter 5: Project Quality Management, p. 169; 6 Key Steps to Creating A Quality Assurance Plan - The QA Lead; What is Quality Planning? Quality Control Plans | ASQ; What Is A Quality Assurance Plan? - Sofeast

NEW QUESTION 14

When introducing a new information asset, what is the MOST important responsibility of the asset owner?

- A. Information disposal
- B. Information classification
- C. Information access administration
- D. Information backup

Answer: B

Explanation:

The most important responsibility of an asset owner when introducing a new information asset is information classification. This process involves determining the level of sensitivity and the appropriate handling of the asset. Classification helps in applying the right security controls and access permissions, ensuring that the asset is protected according to its value and sensitivity.

References = CompTIA Project+ Certification Study Guide (PK0-005)

NEW QUESTION 17

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 22

An IT infrastructure change request needs to be implemented in the production environment. Which of the following elements are the most important prerequisites? (Select two).

- A. Rollback plans
- B. Project management plan
- C. Deployment plan
- D. Asset management plan
- E. Communication plan
- F. Resource management plan

Answer: AC

Explanation:

A rollback plan is a contingency plan that describes how to revert the system to its previous state in case the change fails or causes problems. A rollback plan is important to minimize the impact of a failed change and ensure the system's availability and functionality¹².

A deployment plan is a document that outlines the steps and procedures for implementing the change in the production environment. A deployment plan is important to ensure the change is executed smoothly, efficiently, and securely, and that the system meets the expected performance and quality standards³⁴.

NEW QUESTION 25

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 29

A project coordinator has started a new project and is reviewing the following characteristics provided by the customer:

- Two developers
- High uncertainty about existing systems
- Risk of frequent requirement changes
- Tight deadlines

Which of the following project methodologies would be best to use in this situation?

- A. PRINCE2
- B. Scrum
- C. SAFe
- D. XP

Answer: B

Explanation:

This answer is based on the best practice of choosing a project management methodology that suits the project characteristics and environment¹². Scrum is an agile framework that is designed to handle complex and uncertain projects with frequent changes and tight deadlines³⁴. Scrum involves a small, cross-functional team that works in short iterations called sprints, delivering incremental and potentially shippable products at the end of each sprint⁵. Scrum also allows for continuous feedback and improvement through daily stand-up meetings, sprint reviews, and retrospectives⁶. Scrum is suitable for this project because it can accommodate the high uncertainty, the risk of requirement changes, and the tight deadlines, while also enabling the two developers to collaborate effectively and deliver value to the customer. References = CompTIA Project+ Certification Study Guide⁷, CompTIA Project+ Certification Exam Objectives⁸, Project Management Methodologies Comparison (11 PM Methods)⁶, Project Management Methodologies: 12 Best Frameworks [2023]⁷, What is Scrum?⁵, Scrum Methodology: The Ultimate Guide⁶

NEW QUESTION 30

A PM wants to provide a visual representation of how a project is organized into tasks and how the tasks relate to each other. Which of the following can the PM

use?

- A. Milestone chart
- B. Gantt chart
- C. PERT chart
- D. WBS

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 plan, monitor, and control the project progress, scope, and quality. A gantt chart is different from a milestone chart, which only shows the key events or deliverables of a project without the details of the tasks. A gantt chart is also different from a PERT chart, which is a network diagram that shows the logical relationships and sequence of tasks in a project. A gantt chart is also different from a WBS, which is a hierarchical breakdown of the project scope into smaller and manageable components. 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; 3 types of visual project management: Timelines, calendars, and boards (with examples)⁴

NEW QUESTION 34

A global franchise requests that a company provide a solution to unify its operation worldwide. Additionally, the company would like the solution to provide operation reports in real time without asking the country franchise manager for these reports. Which of the following cloud models would the company suggest to the global franchise?

- A. IaaS
- B. XaaS
- C. PaaS
- D. SaaS

Answer: D

Explanation:

SaaS, or Software as a Service, is a type of cloud computing that provides ready-to-use software applications over the internet. The software is hosted and managed by the service provider, and the users do not have to install, update, or maintain it. SaaS is suitable for the global franchise because it can provide a unified solution that can be accessed from anywhere, anytime, and on any device. SaaS can also provide real-time operation reports without requiring the intervention of the country franchise managers. SaaS can offer benefits such as scalability, flexibility, cost-effectiveness, and security for the global franchise¹²³. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 4: Project Communications, p. 143; Types of Cloud Computing - SaaS vs PaaS vs IaaS - AWS; What are the different types of cloud computing? | Google Cloud; IaaS vs. PaaS vs. SaaS | IBM

NEW QUESTION 37

During the execution phase, a new PM was assigned to a project. The PM received a request to add new functionality to the system that is being developed. While the PM was conducting a preliminary review with the team, the technical lead highlighted that this functionality request was rejected during the planning phase. Which of the following documents is the best source for the PM to use to confirm this assertion?

- A. Issue log
- B. Scope statement
- C. Risk report
- D. Change log

Answer: D

Explanation:

A change log is a document that records and tracks the changes that are made to the project scope, schedule, budget, or quality. It helps the project manager to monitor and control the project performance and ensure that the changes are aligned with the project objectives and stakeholders' expectations. A change log can also include information such as the change description, impact, status, approval, and date. A change log is the best source for the PM to use to confirm the assertion that the functionality request was rejected during the planning phase, as it would show the details and reasons for the rejection¹².

NEW QUESTION 42

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 45

During a status meeting for a multisystem program, a program manager learns that some deliverables from another project are delayed. Which of the following should the program manager do next?

- A. Obtain details from the owner of the project.
- B. Update the critical path for the project.
- C. Apply contingency reserves.
- D. Reestimate epic user stories.

Answer: A

Explanation:

The program manager should first obtain details from the owner of the project that is causing the delay, such as the root cause, the impact, the mitigation plan, and the revised timeline. This will help the program manager to assess the situation, communicate with the stakeholders, and adjust the program schedule accordingly. Updating the critical path, applying contingency reserves, and reestimating epic user stories are possible actions that the program manager may take after obtaining the details, depending on the severity and duration of the delay. However, they are not the immediate next steps, as they require more information and analysis. References = CompTIA Project+ Study Guide: Exam PK0-005, Third Edition, Chapter 10: Executing the Project, page 2431; Dealing with delays - Project Management Institute²

NEW QUESTION 50

A piece of equipment has malfunctioned and is stalling the completion of a deliverable for a project. Which of the following should the project manager do next?

- A. Buy a replacement for the faulty equipment.
- B. Get the maintenance team to resolve the issue.
- C. Escalate the issue to the project sponsor.
- D. Rate the severity of the impact the issue has on the project.

Answer: D

Explanation:

This answer is based on the best practice of issue management in project management, which is to identify, analyze, prioritize, and resolve issues that affect the project performance, scope, schedule, quality, or budget¹². The first step in this process is to rate the severity of the impact the issue has on the project, which involves assessing the likelihood and consequences of the issue, and assigning a rating or score to the issue based on a predefined scale or criteria³⁴. By rating the severity of the impact, the project manager can determine the urgency and importance of the issue, and decide the appropriate course of action to address the issue⁵⁶. Rating the severity of the impact is better than the other options because:

? Buying a replacement for the faulty equipment may not be feasible, cost-effective, or timely, depending on the availability, price, and delivery time of the equipment. It may also require approval from the project sponsor or other stakeholders, and may affect the project budget or scope⁷.

? Getting the maintenance team to resolve the issue may not be possible, depending on the nature and extent of the malfunction, the skills and availability of the maintenance team, and the warranty or service contract of the equipment. It may also take time and resources to diagnose and fix the problem, and may cause further delays or disruptions to the project⁸.

? Escalating the issue to the project sponsor may not be necessary, depending on the severity and complexity of the issue, and the authority and responsibility of the project manager. It may also create unnecessary alarm or confusion among the project stakeholders, and may undermine the project manager's credibility or autonomy⁹.

References = CompTIA Project+ Certification Study Guide, CompTIA Project+ Certification Exam Objectives, What is Issue Management?¹, Issue Management Process², How to Assess the Severity of Project Issues³, How to Prioritize Project Issues⁴, How to Replace Faulty Equipment in Project Management⁵, How to Manage Equipment Maintenance in Project Management⁶, How to Escalate Issues in Project Management⁷

NEW QUESTION 55

A new project team started work three months ago. The team members are increasing their work productivity and are comfortable asking for help with tasks. Which of the following describes the current stage of the project team?

- A. Performing
- B. Adjourning
- C. Forming
- D. Norming

Answer: D

Explanation:

The current stage of the project team is norming, which is the third stage of the five stages of team development. In this stage, the team members have resolved their conflicts and differences, and have established a sense of cohesion and collaboration.

They are more productive, supportive, and cooperative, and they follow the agreed norms and rules of the team. They also communicate effectively and seek feedback and assistance from each other. The norming stage is preceded by the forming stage, where the team members get to know each other and the project goals, and the storming stage, where the team members experience disagreements and challenges. The norming stage is followed by the performing stage, where the team members work efficiently and autonomously towards the project outcomes, and the adjourning stage, where the team members complete the project and celebrate their achievements. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 11: Team Management¹; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 11: Team Management²; The 5 Stages of Team Development (Including Examples)³

NEW QUESTION 57

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

Which of the following criteria would favor using the agile methodology to manage an upcoming project?

- A. Strong projectized organization
- B. Medium risk
- C. Lack of resources
- D. Multiple undefined tasks

Answer: D

Explanation:

Multiple undefined tasks would favor using the agile methodology to manage an upcoming project. Agile methodology is a project management framework that breaks projects down into several dynamic phases, commonly known as sprints. Agile methodology is an iterative and adaptive approach that allows teams to respond to changing requirements and customer feedback quickly and effectively. Agile methodology is suitable for projects that have multiple undefined tasks, as it enables teams to prioritize and deliver the most valuable features first, and refine and improve them over time based on user input and testing¹²

NEW QUESTION 64

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 68

Which of the following tools should a project manager use to assess the activities performed, work effort applied, and the productivity of a project?

- A. Project status report
- B. Project evaluation review
- C. Project management software
- D. Requirements traceability matrix

Answer: B

Explanation:

A project evaluation review is a tool that helps a project manager assess the activities performed, work effort applied, and the productivity of a project. It involves collecting and analyzing data on the project's performance, outcomes, and impacts. It also provides feedback and recommendations for improvement and learning. A project evaluation review can be done at different stages of the project life cycle, such as during or after completion. References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 14: Project Evaluation and Assessment; CompTIA Project+ Certification Exam Objectives, Domain 4: Project Closure, Objective 4.1: Conduct project closure activities.

NEW QUESTION 71

Which of the following is a capital expense?

- A. Building lease
- B. Building purchase
- C. Building maintenance
- D. Building insurance

Answer: B

Explanation:

A capital expense is the cost of acquiring or making improvements to fixed assets that have a useful life of more than one year¹. A building purchase is an example of a capital expense, as it is a long-term investment that increases the value of the company's assets². Building lease, maintenance, and insurance are not capital expenses, as they are recurring or short-term costs that do not increase the value of the company's assets³.

NEW QUESTION 73

Following the approval of a change by the CCB, which of the following should a project manager consider next when deploying a new networking device into an existing production environment?

- A. Maintenance window
- B. Risk assessment
- C. Operational security
- D. Validation check

Answer:

A

Explanation:

A maintenance window is a predefined period of time during which planned changes or updates can be performed on a system or network with minimal impact on the users or business operations¹. A project manager should consider the maintenance window next when deploying a new networking device into an existing production environment, as it will help to reduce the risk of downtime, disruption, or errors. A maintenance window should be scheduled in advance, communicated to the stakeholders, and aligned with the change management plan².

NEW QUESTION 78

As a part of a project, structured cabling activities have been outsourced to another company. The agreement is that work will take six weeks to complete and will be performed at different locations. Which of the following should the project manager do? (Select two).

- A. Purchase the materials.
- B. Assign the resources.
- C. Accept delays in the work.
- D. Approve the deliverables.
- E. Monitor the performance.
- F. Negotiate with the vendors.

Answer: DE

Explanation:

The project manager should approve the deliverables and monitor the performance of the outsourced structured cabling activities. These are the responsibilities of the project manager when dealing with external vendors or contractors, as they ensure that the quality standards, scope, schedule, and budget are met according to the contract terms and the project plan. The project manager should also communicate regularly with the vendor and provide feedback and guidance as needed. The other options are not correct because:

? Purchasing the materials is not the responsibility of the project manager, but the vendor who is performing the structured cabling activities. The project manager should only verify that the materials are suitable and available for the project.

? Assigning the resources is not the responsibility of the project manager, but the vendor who is performing the structured cabling activities. The project manager should only ensure that the vendor has the adequate and qualified resources to complete the work.

? Accepting delays in the work is not a good practice for the project manager, as it can negatively affect the project schedule, scope, and quality. The project manager should proactively identify and manage the risks and issues that may cause delays, and implement contingency plans or corrective actions if necessary.

? Negotiating with the vendors is not a task that the project manager should do during the execution of the structured cabling activities, as it should have been done during the planning and procurement phases of the project. The project manager should only adhere to the contract terms and conditions that have been agreed upon with the vendor, and only renegotiate if there are significant changes or disputes that require it. 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; Domain 3: Project Execution, Objective 3.2: Given a scenario, execute and monitor project tasks using traditional methodologies.

NEW QUESTION 79

A project manager has decided to wait until all requirements are developed to initiate testing. Which of the following relationship dependencies is the project manager using?

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

Answer: C

Explanation:

A finish-to-start dependency is a type of relationship dependency in project management, where the start of one task depends on the finish of another task¹². In this case, the project manager is using a finish-to-start dependency, because testing cannot start until requirements development is finished. This implies that testing is a successor task, and requirements development is a predecessor task. A finish-to-start dependency is the most common type of dependency in project management, and it ensures that tasks are performed in a logical sequence³⁴. References = CompTIA Project+ Certification Study Guide⁵, CompTIA Project+ Certification Exam Objectives⁶, Understanding Dependencies in Project Management [2023] • Asana¹, Dependencies in Project Management | Smartsheet², Understanding Task Dependencies in Project Management³, What are Dependencies in Project Management? - KnowledgeHut⁴

NEW QUESTION 81

Which of the following is a consideration when determining a project's ESG factors?

- A. Project management methodology
- B. IT infrastructure security
- C. Proper accounting practices
- D. Corporate values compliance

Answer: D

Explanation:

Corporate values compliance is a consideration when determining a project's ESG factors, because it reflects how a project aligns with the ethical standards and social responsibility of the organization. Corporate values compliance can help to enhance the reputation, trust, and loyalty of the organization among its stakeholders, as well as to avoid legal or regulatory issues that may arise from violating the values. Corporate values compliance can also influence the project scope, objectives, deliverables, and stakeholders, as well as the project management methodology, processes, and practices. The other options are not directly related to ESG factors. Project management methodology is the approach or framework that guides how a project is planned, executed, monitored, and controlled. IT infrastructure security is the protection of the hardware, software, network, and data components of a project from unauthorized access, use, modification, or destruction. Proper accounting practices are the rules and standards that govern how financial transactions and statements are recorded, reported, and audited for a project. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 5: Project Scope Management¹; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 5: Project Scope Management²; What Is Environmental, Social, and Governance (ESG) Investing

NEW QUESTION 84

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 87

During the execution phase, user accepted testing failed; nonetheless, the vendor PM is insisting that the program manager approve the invoice for this phase. Which of the following actions should the Program manager take?

- A. Escalate the issue with the project sponsor and ask for assistance in managing the situation.
- B. Work with the vendor to achieve a compromise that benefits everyone.
- C. Approve the invoice to avoid damaging the relationship with the vendor.
- D. Schedule a call with the vendor PM and vendor executive to review the statement of work.

Answer: D

Explanation:

The program manager should schedule a call with the vendor PM and vendor executive to review the statement of work (SOW), which is a document that defines the scope, deliverables, timeline, quality, and payment terms of the project. The program manager should clarify the expectations and criteria for user acceptance testing (UAT), which is a process of verifying that the system meets the user's requirements and expectations. The program manager should also discuss the reasons for the UAT failure

and the corrective actions needed to resolve the issues. The program manager should not approve the invoice until the UAT is successfully completed, as this would compromise the quality and value of the project. The program manager should also not escalate the issue or work on a compromise without first reviewing the SOW and communicating with the vendor¹².

NEW QUESTION 91

A project sponsor would like to develop a minimum viable product, but the requirements are not well defined. Which of the following should the project sponsor use?

- A. Rational Unified Process
- B. Waterfall
- C. Agile
- D. DevOps

Answer: C

Explanation:

Agile is a methodology that emphasizes iterative and incremental development, customer collaboration, and responsiveness to change. Agile is suitable for developing a minimum viable product (MVP), which is a version of a product with just enough features to be usable by early customers who can then provide feedback for future product development. Agile allows the project sponsor to deliver an MVP quickly and test it with real users, and then adapt the product based on the feedback and changing requirements. Agile also reduces the risk of wasting time and resources on a product that does not meet the customer's needs or expectations¹²³. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 2: Project Methodologies, p. 55; What is a Minimum Viable Product (MVP)? | Agile Alliance; Minimum Viable Product (MVP): What is it & Why it Matters - Atlassian

NEW QUESTION 93

A project manager is eager to define access requirements during the initiation phase of a project. Which of the following steps should the project manager perform first?

- A. Define the WBS.
- B. Develop a RAM.
- C. Manage the vendors.
- D. Assess the resource pool.

Answer: D

Explanation:

This answer is based on the best practice of defining access requirements in project management, which is to identify the roles, responsibilities, and permissions of the project team members and other stakeholders who need to access the project information, resources, and deliverables¹². The first step in this process is to assess the resource pool, which is the availability and capability of the human resources that can be assigned to the project³⁴. By assessing the resource pool, the project manager can determine the skills, experience, and security clearance of the potential project team members, as well as their reporting relationships, communication preferences, and expectations⁵⁶. This information can help the project manager to define the access requirements for each role and stakeholder group, and to assign the appropriate level of access to the project data, documents, tools, and systems⁷⁸. References = CompTIA Project+ Certification Study Guide⁹, CompTIA Project+ Certification Exam Objectives¹⁰, What is Requirements Management?, How to Write Project Requirements, A Guide to Functional Requirements, Project Requirements Management: A Quick Guide, Creating clear project requirements, How to Define Project Roles and Responsibilities

NEW QUESTION 97

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 99

Which of the following offers administrators more direct control over operating systems?

- A. Infrastructure as a service
- B. Software as a service
- C. Functions as a service
- D. Platform as a service

Answer: A

Explanation:

Infrastructure as a service (IaaS) offers administrators more direct control over operating systems than other cloud service models. IaaS is a type of cloud computing service that provides virtualized computing resources such as servers, storage, network, and operating systems over the internet. IaaS allows users to rent or lease infrastructure resources on demand and pay only for what they use. IaaS gives users more flexibility and control over their infrastructure resources and enables them to configure, manage, and customize their operating systems according to their needs and preferences³

NEW QUESTION 102

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 104

A PM received feedback from the project sponsor that the resources involved in the project are unsure of their daily activities. Which of the following is the MOST effective step for the PM to take to ensure clarity within the team?

- A. Create a list of tasks and share it with the team.
- B. Resend the scope of work to the team.
- C. Review the Gantt chart weekly with the team.
- D. Have the project sponsor meet with the team.

Answer: C

Explanation:

Reviewing the Gantt chart weekly with the team would be the most effective step for the project manager to take to ensure clarity within the team after receiving feedback from the project sponsor that the resources involved in the project are unsure of their daily activities. A Gantt chart is a graphical tool that shows the schedule of a project, including the start and end dates, durations, dependencies, milestones, and progress of each task or activity. Reviewing the Gantt chart weekly with the team can help to clarify their roles and responsibilities, assign tasks and deadlines, track and report their status and performance, identify and resolve any issues or risks, and keep them aligned and engaged with the project goals.VVVVVVVVVVVVVV

NEW QUESTION 105

Which of the following statements best describes a content management system?

- A. A system to manage electronic signatures and document workflow
- B. A system to manage database integration and provide messaging services
- C. A system to manage shared data on the web, allowing multiple contributors to create, edit, and publish
- D. A system to manage documents archival, such as emails, spreadsheets, and support tickets

Answer: C

Explanation:

A content management system (CMS) is a software application that allows users to create, manage, and deliver content via digital channels, such as websites, blogs, or social media¹². A CMS enables multiple contributors to access, edit, and publish content without requiring technical knowledge or coding skills³⁴. A CMS also provides features such as templates, workflows, media libraries, and analytics to help users design, organize, and optimize their content⁵⁶. References = CompTIA Project+ Certification Study Guide⁷, CompTIA Project+ Certification Exam Objectives⁸, What Is a Content Management System (CMS)?¹, What is a Content Management System (CMS) | Oracle², What is a Content Management System (CMS)? | Adobe Basics³, What is a CMS?⁴, What is a Content Management System?⁵, Content Management System (CMS) - Definition from Techopedia⁶

NEW QUESTION 106

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 110

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 115

During a stand-up meeting, a team member asks to include a change that an important stakeholder requested in the project board. This request is denied, and the team member has to go back to what was originally planned for the sprint. Which of the following individuals should the stakeholder have asked to request the change instead of the team member?

- A. Architect
- B. Project sponsor
- C. Scrum master
- D. Product owner

Answer: D

Explanation:

The product owner is the person who is responsible for managing the product backlog, which includes adding, removing, or changing items based on stakeholder feedback and business value. The product owner is also the one who can collaborate with the development team and the scrum master to decide if a change can be accommodated in the current sprint or deferred to a future sprint. Therefore, the stakeholder should have asked the product owner to request the change instead of the team member, who is not authorized to make changes to the sprint backlog¹².

NEW QUESTION 120

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 121

Which of the following software programs would be best to use to store information related to business transactions?

- A. Record management system
- B. Customer relationship management
- C. Enterprise resource planning
- D. Content management system

Answer: C

Explanation:

Enterprise resource planning (ERP) software is a type of software that integrates various business functions and processes, such as accounting, finance, inventory, sales, purchasing, human resources, and more. ERP software helps businesses store, organize, and manage information related to business transactions, such as invoices, payments, orders, receipts, and reports. ERP software also provides real-time data analysis, reporting, and forecasting capabilities¹².

NEW QUESTION 124

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 127

A project team participates in a brainstorming session to define the guidance, direction, and approach for monitoring established procedures for developed products. Which of the following plans is the team creating?

- A. Project transition
- B. Project management
- C. Project communications
- D. Project quality assurance

Answer: D

Explanation:

Project quality assurance is the process of ensuring that the project meets the quality standards and requirements defined by the stakeholders and the

organization. It involves planning, implementing, and monitoring quality activities throughout the project life cycle. Project quality assurance is different from project quality control, which is the process of inspecting and testing the project deliverables and outputs to identify and correct defects. Project quality assurance is also different from project transition, which is the process of transferring the project deliverables and outputs to the end users or customers. Project management is the application of knowledge, skills, tools, and techniques to project activities to meet the project objectives. Project communications is the process of planning, creating, distributing, and managing information among the project stakeholders. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 8: Quality Management¹; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 8: Quality Management²

NEW QUESTION 130

A project manager wants to schedule a troubleshooting session for team members who are located in Germany and California. Which of the following is most important for the project manager to consider when setting up the session?

- A. Cultural differences
- B. Technological factors
- C. Time zones
- D. Language barriers

Answer: C

Explanation:

Time zones are the most important factor to consider when setting up a troubleshooting session for team members who are located in different regions of the world. The project manager should ensure that the session is scheduled at a convenient and reasonable time for all participants, and avoid scheduling conflicts or communication delays. Time zones can also affect the availability and responsiveness of stakeholders, vendors, and customers¹.

NEW QUESTION 131

Which of the following PRINCE2 processes includes creating the project plan?

- A. Starting up a project
- B. Initiating a project
- C. Managing product delivery
- D. Directing a project

Answer: B

Explanation:

According to PRINCE2, a project management methodology, the process of initiating a project includes creating the project plan, which is a high-level plan that covers the whole project scope, schedule, budget, quality, and risks. The project plan is based on the project brief, the business case, and the product descriptions. The project plan is used to obtain the authorization from the project board to initiate and execute the project. The project plan is also refined and updated throughout the project life cycle as more information becomes available.

The other processes are not directly involved in creating the project plan. Starting up a project is a pre-project process that ensures the project is viable and worthwhile, and produces the project brief and the initiation stage plan. Managing product delivery is a process that coordinates the delivery of products from the team managers to the project manager, and ensures that the work conforms to the quality criteria and the project plan. Directing a project is a process that enables the project board to oversee and control the project, and make key decisions and approvals. References = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 5: Project Scope Management¹; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 5: Project Scope Management²; PRINCE2 Processes - 7 Processes Of PRINCE2 Explained³; Initiating a Project Process – This process is the procedure which defines the product quality, Project Product, project timeline, costs, the commitment of resources, risk analysis, and assembles the Project Initiation Documentation (PID)⁴

NEW QUESTION 135

Halfway through a project, the sponsor states that the project is taking too long to complete. Which of the following should the project manager consult?

- A. Gantt chart
- B. Maintenance window schedule
- C. Functional requirements
- D. Test results

Answer: A

Explanation:

The project manager should consult a Gantt chart after the sponsor states that the project is taking too long to complete. A Gantt chart is a graphical tool that shows the schedule of a project, including the start and end dates, durations, dependencies, milestones, and progress of each task or activity. A Gantt chart can help to monitor and control the project timeline and identify any delays, variances, or issues that may affect the project completion.

NEW QUESTION 140

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 143

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 145

During the project initiation phase, a project team has been identified. Which of the following is the NEXT step for the project manager?

- A. Determine budget constraints.
- B. Validate the business case.
- C. Update the project charter.
- D. Create a project schedule

Answer: C

Explanation:

Update the project charter. Updating the project charter would be the next step for the project manager after identifying the project team during the project initiation phase. A project charter is a document that formally authorizes a project and defines its purpose, scope, objectives, deliverables, milestones, roles and responsibilities, assumptions, constraints, risks, budget, and timeline. A project charter can help to align the expectations and interests of all stakeholders involved in a project and provide direction and guidance for planning and executing the project.

NEW QUESTION 150

A project manager receives an escalation from an external group reporting that an expected deliverable should have been available some time ago. After analysis, the project team realizes the deliverable was provided on time. Which of the following should the project manager do next?

- A. Request a change control ticket.
- B. Review the schedule plan.
- C. Refine the project documentation.
- D. Revise the communication plan.

Answer: D

Explanation:

When a project manager receives an escalation about a deliverable that was actually provided on time, it indicates a communication issue. The next step should be to revise the communication plan to ensure that all stakeholders are properly informed about project progress and deliverables in the future. This helps to prevent misunderstandings and ensures that everyone has the correct information.

References = CompTIA Project+ Certification Study Guide (PK0-005)

NEW QUESTION 154

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 conflict.

NEW QUESTION 157

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 161

During a brainstorming meeting, a project manager identifies multiple techniques that will help the project team ensure confidence and alignment with the project scope and goals. Which of the following plans is the project manager creating?

- A. Procurement
- B. Communication
- C. Quality assurance
- D. Risk

Answer: C

Explanation:

The project manager is creating a quality assurance plan when identifying multiple techniques that will help the project team ensure confidence and alignment with the project scope and goals during a brainstorming meeting. A quality assurance plan is a plan that defines and documents the standards, criteria, methods, activities, and tools for ensuring and verifying that the quality requirements and expectations of a project are met. A quality assurance plan can help to improve the quality of the project processes and deliverables and prevent or reduce defects or errors.

NEW QUESTION 164

Which of the following contract types in project procurement has the highest risk for the buyer?

- A. Time and material
- B. Cost-plus
- C. Fixed-price
- D. Unit price

Answer: B

Explanation:

A cost-plus contract is a type of contract where the buyer agrees to reimburse the seller for the actual costs of the work plus a fee, which can be fixed, percentage, incentive, or award based. This type of contract has the highest risk for the buyer because the buyer has no control over the cost or quantity of the work and the seller has little incentive to control the costs or complete the work efficiently. The seller may inflate the costs or prolong the work to increase the fee. The buyer may end up paying much more than the estimated budget or the market value of the work. References = CompTIA Project+ PK0-005 Certification Study Guide, Chapter 9: Project Procurement Management; CompTIA Project+ Certification Exam Objectives, Domain 3: Project Execution, Objective 3.3: Execute procurement activities.

NEW QUESTION 165

During a complex, multiyear project, a PM must discern which project tasks overlap so resources can be allocated appropriately. Which of the following is best for determining this information?

- A. PERT chart
- B. Milestone chart
- C. Gantt chart
- D. Budget burndown chart

Answer: C

Explanation:

A Gantt chart is a visual tool used in project management to represent the timing of tasks required to complete a project. It is particularly useful for showing the start and finish dates of elements of a project, dependencies between tasks, and the current schedule status. This makes it an ideal choice for a project manager to discern overlapping tasks and allocate resources efficiently.

References = CompTIA Project+ Certification Study Guide (PK0-005)

NEW QUESTION 170**SIMULATION**

During the project execution phase, Ann, a project manager, received an email from the project sponsor asking for an additional work package to be added to the project scope due to new legislation.

INSTRUCTIONS

Review the email with the latest updates sent by the project sponsor and respond in the following order:

- * 1. Select the best tool for tracking the server migration progress.
- * 2. Select the new critical path.
- * 3. Select the correct number of engineers required for the server migration phase.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

 View Sponsor Email

Select the Appropriate Tool



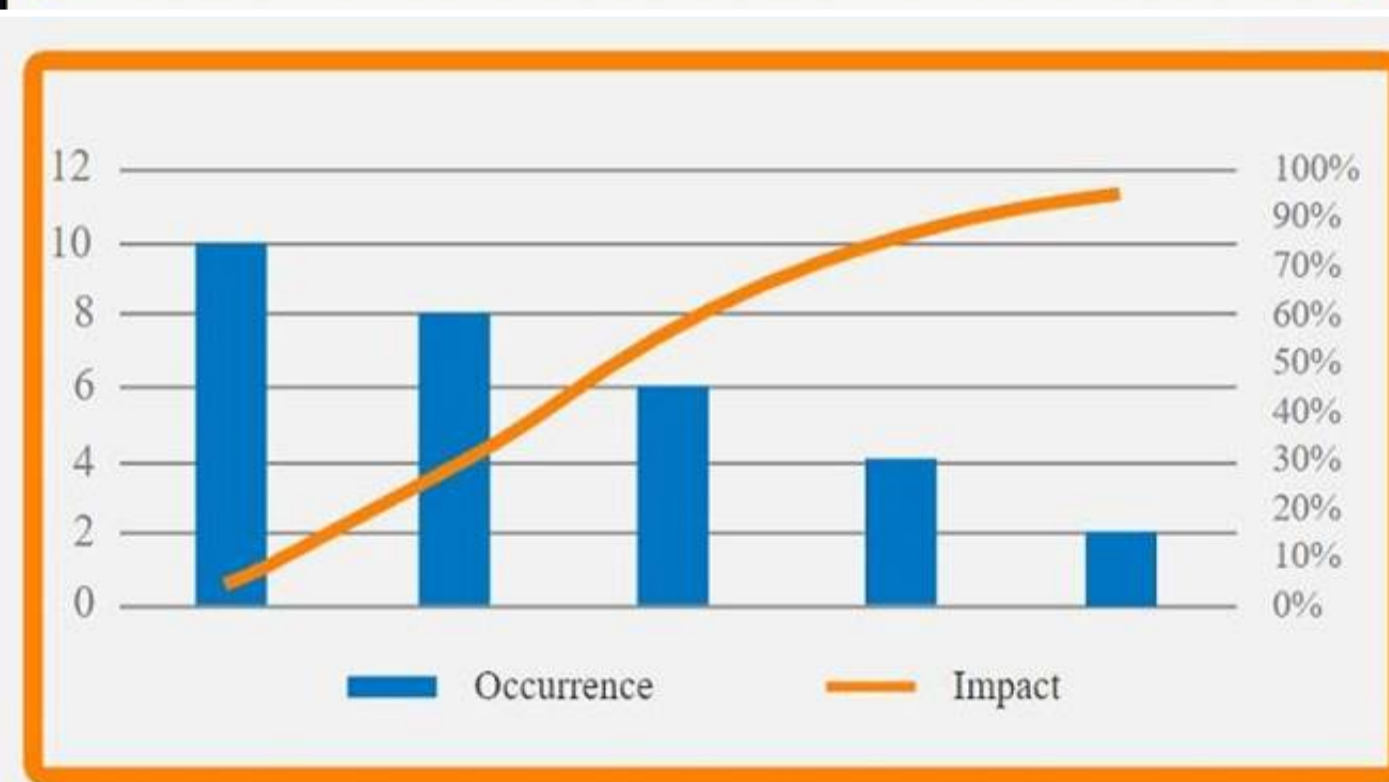
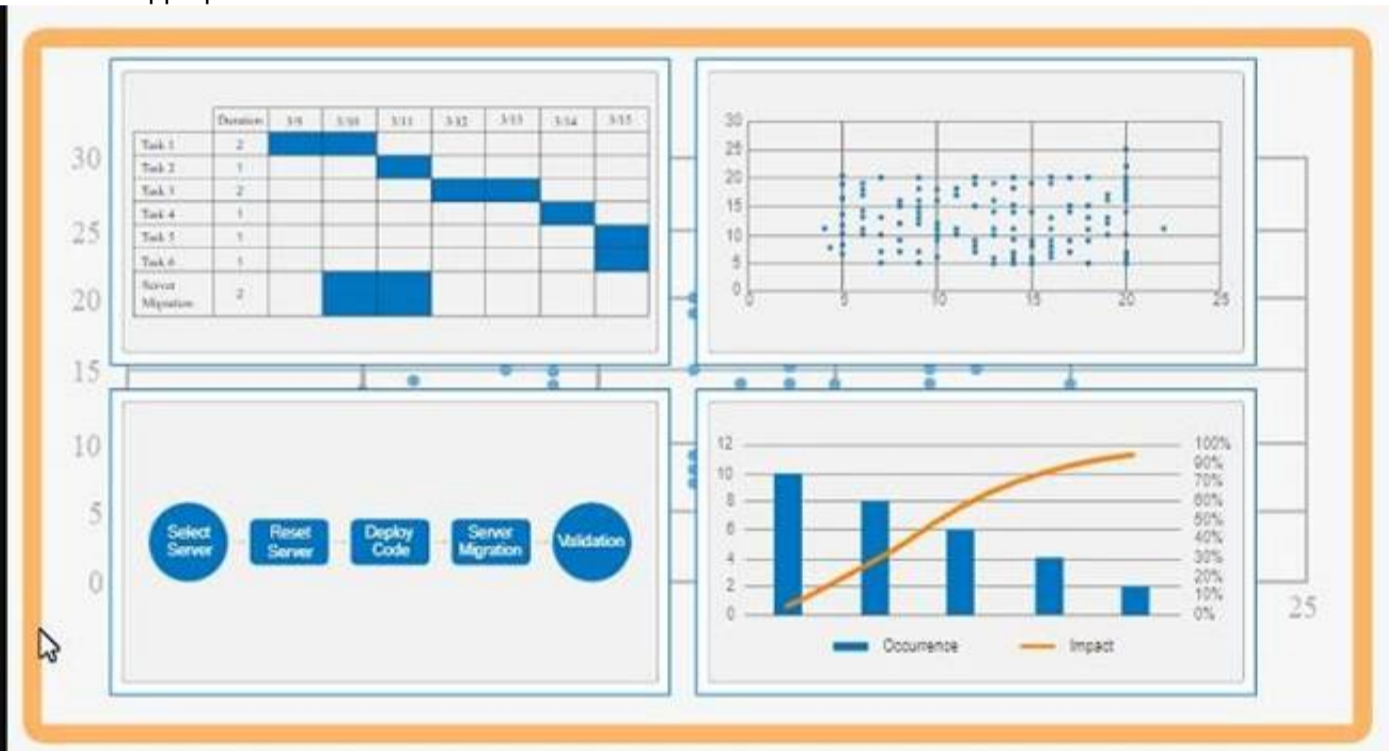
Server Migration Engineers



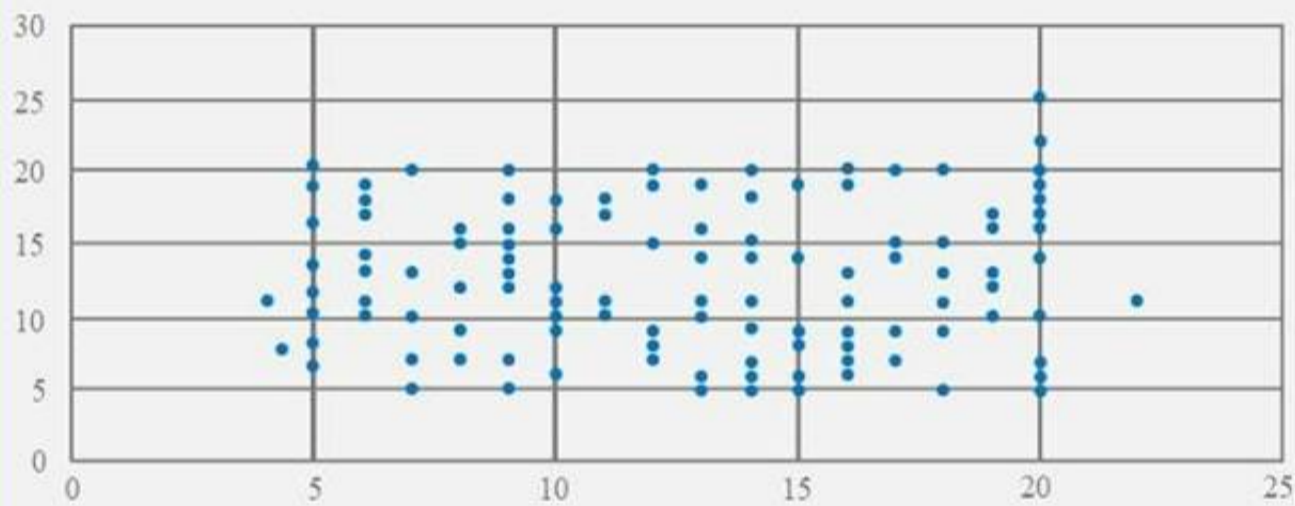
Select the Critical Path



Select the Appropriate Tool:

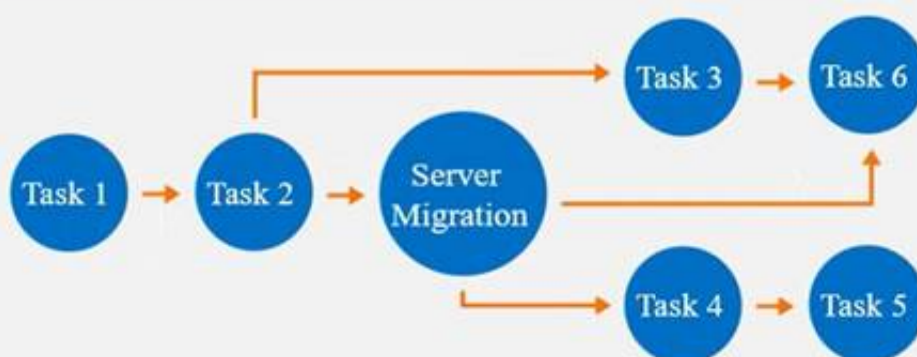


	Duration	3/9	3/10	3/11	3/12	3/13	3/14	3/15
Task 1	2							
Task 2	1							
Task 3	2							
Task 4	1							
Task 5	1							
Task 6	1							
Server Migration	2							

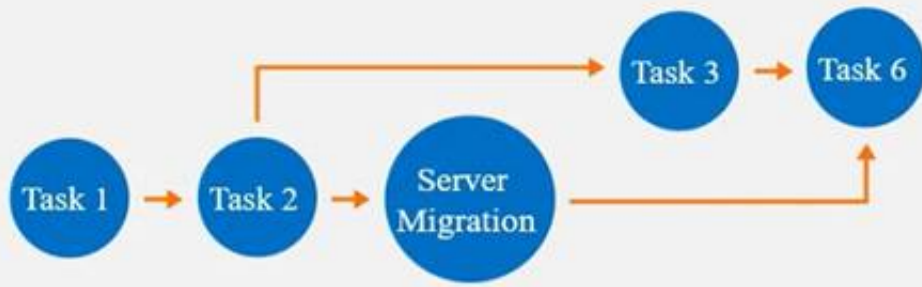


Select the new critical path. Option A

Option B



Option C



Sponsor Email

From: Projectsponsor@abc.com
To: Ann_pm@abc.com
Sent: Mon 3/8/2021 14:20
Subject: URGENT: Transformation project – Scope change – please read !

Hi Ann,

Due to new legislation in data protection regulation which will impact our "Transformation project", the following updates need to be considered:

- Server migration must be 100% complete prior to the last three tasks of the project.
- Based on a previous estimate, the migration will require 50% more engineers for this phase.
- The progress of the server migration must be monitored.

As the project manager for the "Transformation project", please take the proper actions.

Sorry for the inconvenience of sharing this in the middle of project execution.

Sincerely,

Joe
 Project Sponsor
 ABC Company, LLC
 Projectsponsor@abc.com
 555-555-5555

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

	Duration	3/9	3/10	3/11	3/12	3/13	3/14	3/15
Task 1	2							
Task 2	1							
Task 3	2							
Task 4	1							
Task 5	1							
Task 6	1							
Server Migration	2							

Server Migration Engineers

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graph LR
    Task1((Task 1)) --> Task2((Task 2))
    Task2 --> Task3((Task 3))
    Task2 --> Task4((Task 4))
    Task3 --> Task6((Task 6))
    Task4 --> Task6
  
```

NEW QUESTION 171

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 174

Which of the following BEST identifies the intent and purpose of a project closeout report?

- A. To provide documentation of lessons learned
- B. To document variances from the initial project baseline
- C. To validate that a project has been successfully completed
- D. To release resources and terminate all access rights

Answer: C

Explanation:

To validate that a project has been successfully completed. The intent and purpose of a project closeout report is to validate that a project has been successfully completed and to summarize the goals, objectives, and outcomes of the project, as well as the lessons learned and the feedback from stakeholders. A project closeout report is a document that is submitted at the end of a project to officially conclude it and release the resources and contracts involved. It is useful for evaluating the project's success and improving the performance of future projects¹²

NEW QUESTION 178

Which of the following best describes a manufacturer's obligation to repair or change, without extra costs, any part of a product that is not functioning?

- A. Service-level agreement
- B. Functional testing
- C. Warranty period
- D. Audit

Answer: C

Explanation:

A warranty period is the time during which a manufacturer or seller agrees to repair or replace a product that is defective or does not meet the specified standards. A warranty period can be expressed in terms of duration (e.g., one year) or usage (e.g., 10,000 miles). A warranty period is a form of consumer protection that obliges the manufacturer or seller to bear the costs of repairing or changing any part of the product that is not functioning properly¹.

NEW QUESTION 179

A PM learns about some communication issues with different stakeholders and team members. Which of the following should the PM do NEXT?

- A. Escalate the communication issues.
- B. Implement a communication platform.
- C. Review the communication plan.
- D. Talk with the head of the PMO.

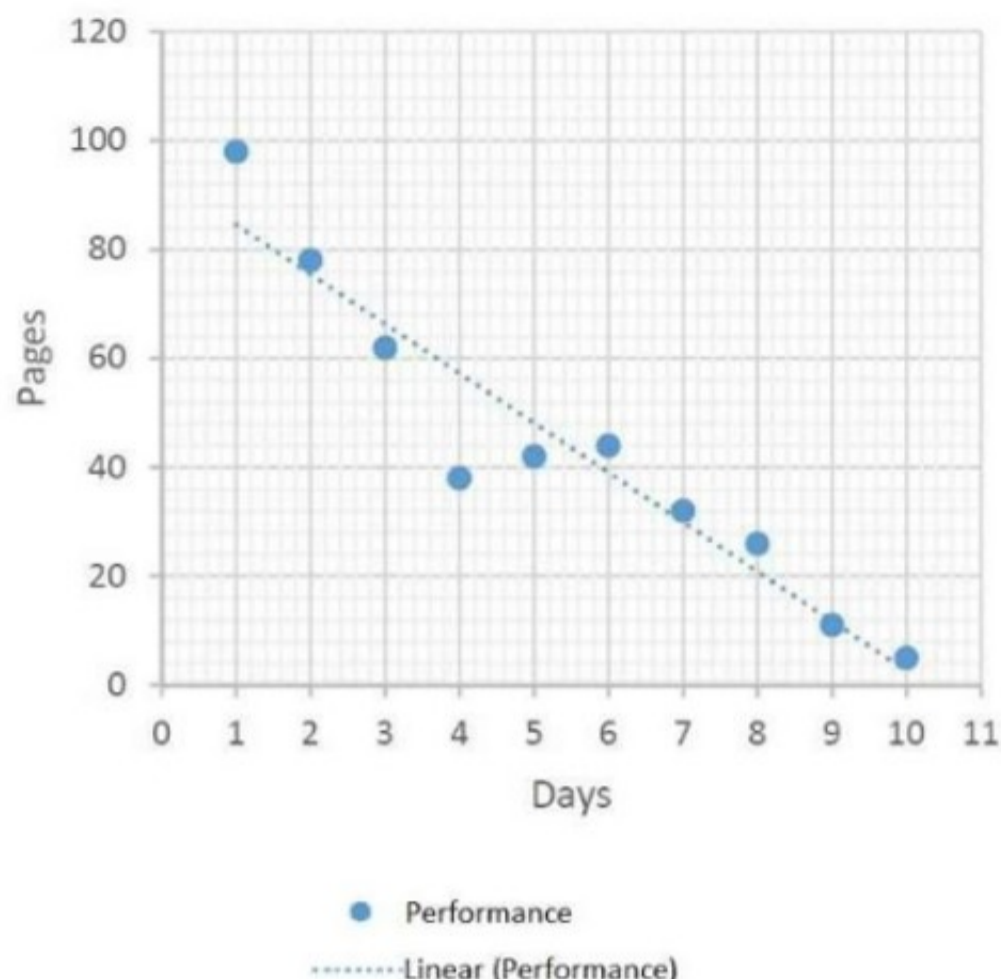
Answer: C

Explanation:

The project manager should review the communication plan after learning about some communication issues with different stakeholders and team members. A communication plan is a document that defines and documents the communication goals, strategies, methods, channels, frequency, roles, and responsibilities for a project. A communication plan can help to facilitate effective and timely communication among all stakeholders involved in a project and avoid confusion, misunderstanding, or conflicts.

NEW QUESTION 183

A project team member wrote a user guide over the past ten days. Given the following scatter diagram.



Which of the following can be formally conducted?

- A. The team member prioritized other tasks over the completion of this task
- B. The team member had performance issues over time.
- C. There is a negative correlation between time 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 188

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 193

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 196

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 199

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