

PK0-005^{Q&As}

CompTIA Project+

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QUESTION 1

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

Correct Answer: B

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.

QUESTION 2

Which of the following statements best represents a network issue?

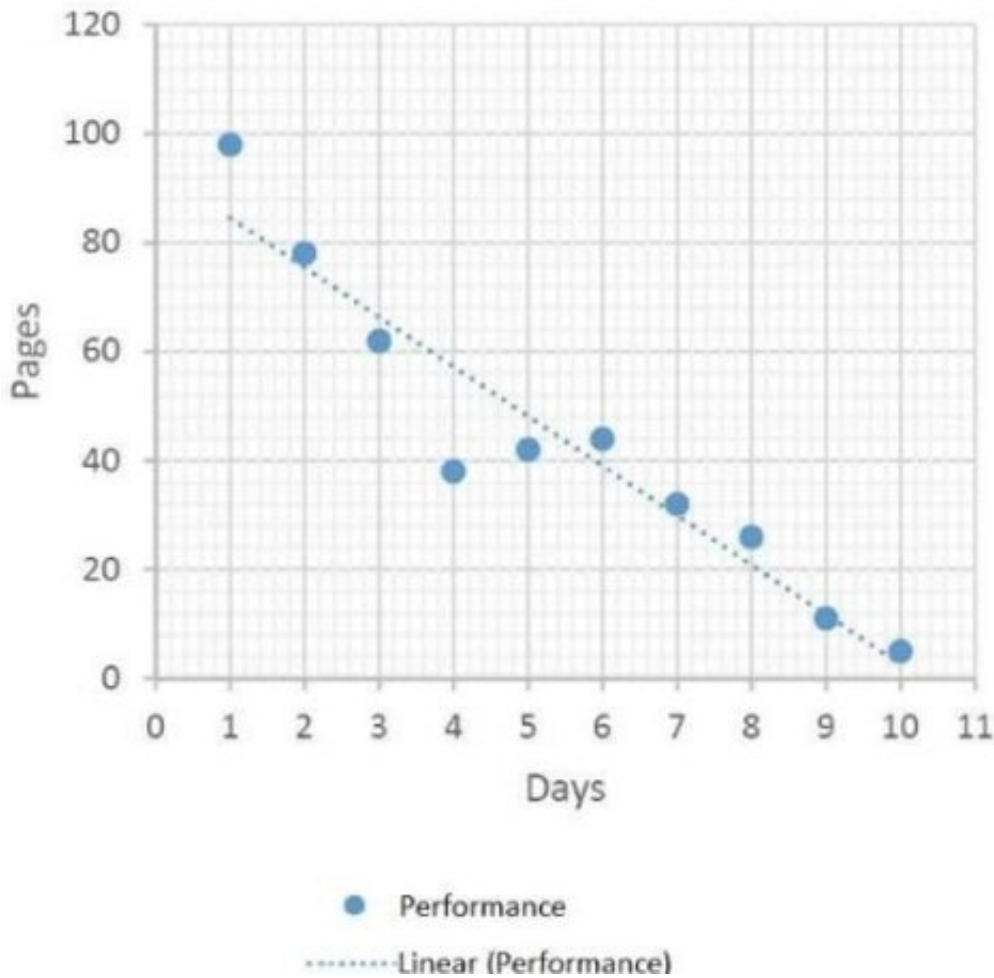
- A. The development team on the fourth floor is unable to access servers and email services.
- B. Cell phones served by a specific telecom company are getting a "no service" message.
- C. A user cannot connect to Wi-Fi because of a wrong ID or password.
- D. A user is receiving an automatic reply message saying that an email address does not exist.

Correct Answer: A

Network issues often prevent users from accessing essential resources like servers and email services. The development team's inability to access these services suggests a network issue, consistent with CompTIA Project+ knowledge of IT infrastructure management.

QUESTION 3

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 learn member had performance issues over time.
- C. There is a negative correlation with time and output
- D. This is a display of units of outstanding work to predict completion

Correct Answer: C

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.

QUESTION 4

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

Correct Answer: D

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 component.

QUESTION 5

A vendor manager communicates to the project manager that a shipment of new devices required for the completion of a project is delayed. The supplier is planning to deliver the devices two months after the agreed-upon date. Which of the following should the project manager do first?

- A. Hold the project until the devices are delivered.
- B. Evaluate the impact to baselines.
- C. Request another supplier to ship devices.
- D. Update the project timeline with a new project end date.

Correct Answer: B

Evaluating the impact to baselines (such as schedule and budget) helps determine the delay's effect on the project. This aligns with CompTIA Project+ guidance on project control, which emphasizes analyzing impacts before taking corrective actions.

QUESTION 6

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. RF
- D. RFP

Correct Answer: D

An RFP (request for proposal) is a document that solicits proposals from potential vendors for a specific project or service. An RFP typically describes the project scope, requirements, evaluation criteria, and instructions for submitting proposals. An RFP is the best document for the company to use to obtain and compare information on cabling services and costs from various vendors, as it allows the company to evaluate the vendors' qualifications, experience, approach, and pricing.

QUESTION 7

During the progress of a project, the stakeholders require the delivery of multiple milestones with proper presentation of functionalities. Which of the following is the best methodology to use?

- A. Waterfall
- B. SDLC
- C. XP
- D. Scrum

Correct Answer: D

Scrum is an agile methodology well-suited for projects that require frequent milestone deliveries and functionality demonstrations. It emphasizes iterative development, with regular presentations to stakeholders, which aligns with CompTIA Project+ principles for agile project management.

QUESTION 8

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

Correct Answer: D

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 Management; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 11: Team Management; The 5 Stages of Team Development (Including Examples)

QUESTION 9

A project team is developing an application that will allocate a building's parking spaces. The building owner does not agree with using corporate colors in the application and has blocked the release of the beta version for testing. Which of the following best describes what the project manager should have done in the initiation phase to prevent this issue?

- A. Review of existing artifacts
- B. Development of an issue log
- C. Identification and assessment of stakeholders
- D. Establishment of accepted communication channels

Correct Answer: C

The project manager should have identified and assessed the building owner as a key stakeholder in the initiation phase, and understood their expectations and requirements for the application. This would have helped to avoid the conflict over the corporate colors and the delay in testing. Stakeholder identification and assessment is an important process in the initiation phase, as it helps to define the project scope, objectives, and success criteria, and to establish a communication plan. References: CompTIA Project+ PK0-005 Certification Study Guide

QUESTION 10

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

Correct Answer: B

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 project.

QUESTION 11

Which of the following tools is best to use when conducting project meetings across time zones?

- A. Text
- B. Calendaring tools
- C. Videoconference

D. Email

Correct Answer: C

Videoconference is the best tool to use when conducting project meetings across time zones, as it allows real-time communication, visual cues, screen sharing, and collaboration among the participants. Videoconference can also help build rapport and trust among the team members, and reduce the risk of misunderstandings or miscommunication. Videoconference tools such as Zoom, Skype, or Google Meet can also accommodate different time zones by showing the local time of each participant and allowing them to schedule meetings in advance.

QUESTION 12

Which of the following requires the MOST availability from the business team?

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

Correct Answer: B

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.

QUESTION 13

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

Correct Answer: C

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.

QUESTION 14

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

Correct Answer: B

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.

QUESTION 15

A risk management team for a software project decided to outsource the development of a specific portion of a system due to a lack of internal resources. Which of the following risk responses does this demonstrate?

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

Correct Answer: B

Outsourcing the development of a system component due to a lack of internal resources is a risk response strategy known as `transfer.` This approach shifts the risk to a third party who will now be responsible for managing that portion of the

project. It is commonly used when an organization does not have the expertise or capacity to handle specific risks internally.

References:

The answer is based on standard project management practices and the typical use of risk response strategies in the field. For detailed information, please refer to the CompTIA Project+ Study Guide and other official CompTIA resources.