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Question 1

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?

Options:

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. Reference = 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

Question 2

Question Type: **MultipleChoice**

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?

Options:
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. Reference = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 6: Schedule Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 6: Schedule Management2

Question 3

Question Type: **MultipleChoice**

A critical piece of equipment that is needed for the installation of a point-of-sale solution is delayed from the manufacturer. The delay will cause the project to be significantly behind schedule. The project manager decides to buy the item at a higher cost from another vendor who can supply it immediately. Which of the following risk management approaches has the project manager taken?

Options:

A- Mitigate

B- Transfer

C- Accept

D- Share

Answer:

A

Explanation:

The project manager has taken a risk mitigation approach by buying the item from another vendor who can supply it immediately. Risk mitigation is a strategy that involves reducing the probability and/or impact of a negative risk to an acceptable level. By purchasing the item from another vendor, the project manager has reduced the impact of the delay on the project schedule, even though it may have increased the project cost. Risk mitigation is different from risk transfer, which involves shifting the responsibility or burden of a risk to a third party, usually through a contract or insurance. Risk acceptance is a strategy that involves acknowledging the risk and being prepared to deal with its consequences. Risk sharing is a strategy that involves allocating some or all of the ownership of a risk to another party who is willing to take on that risk, usually for some form of incentive or reward. Reference = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 7: Risk Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 7: Risk Management2

Question 4

A company is implementing a new radar system from July to September. The project manager knows these months are the peak hurricane season for this region. Which of the following should the project manager develop to mitigate the risk to the project?

Options:

A- Data plan

B- Contingency plan

C- Rollback plan

D- Recovery plan

Answer:

B

Explanation:

A contingency plan is a risk mitigation strategy that involves preparing alternative courses of action in case the original plan fails or encounters unexpected problems. A contingency plan can help reduce the impact of negative risks and ensure the project continuity and success. In this case, the project manager should develop a contingency plan to mitigate the risk of hurricanes affecting the implementation of the new radar system. For example, the contingency plan could include backup resources, alternative locations, emergency procedures, and communication channels in case of a hurricane. Reference = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 7: Risk Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 7: Risk Management

Question 5

Question Type: **MultipleChoice**

Which of the following can be used to determine whether a sample product is within an acceptable range?

Options:

A- Scatter diagram

B- Velocity chart

C- Control chart

D- Fishbone diagram

Answer:

C

Explanation:

A control chart is a graphical tool that displays the variation of a process over time and compares it to predetermined control limits. It can be used to determine whether a sample product is within an acceptable range by checking if the sample values fall within the upper and lower control limits, which indicate the expected variation of the process. If the sample values are outside the control limits or show a non-random pattern, it indicates that the process is out of control and there may be some assignable causes of variation that need to be investigated and corrected. Reference = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 8: Quality Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 8: Quality Management2

Question 6

Question Type: **MultipleChoice**

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?

Options:

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. Reference = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 8: Quality Management1; CompTIA Project+ Certification Study Guide, 3rd Edition, Chapter 8: Quality Management2

Question 7

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

Options:

A- Use an on-premises project management scheduling tool.

B- Limit access to members of the project team.

C- Mandate overtime to get the project completed sooner.

D- Ensure all team members have signed a non-disclosure agreement.

Answer:

B

Explanation:

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

Question 8

Question Type: **MultipleChoice**

Which of the following is a typical characteristic of Scrum?

Options:

A- Large teams

B- Low-risk scope

C- Self-organized team

D- Well-defined scope

Answer:

C

Explanation:

A self-organized team is a typical characteristic of Scrum, which is an agile framework for managing complex projects. A self-organized team is a group of motivated and skilled individuals who have the autonomy and authority to make decisions and collaborate on how to deliver the project goals. A self-organized team does not rely on a manager or a leader to assign tasks, monitor progress, or resolve issues. Instead, a self-organized team uses Scrum events, such as daily stand-ups, sprint planning, sprint review, and sprint retrospective, to coordinate their work, communicate with each other, and inspect and adapt their process and product123. Reference = CompTIA Project+ Study Guide: Exam PK0-005, 3rd Edition, Chapter 2: Project Methodologies, p. 55; Scrum Characteristics - Scrumversity; What is Scrum? | Scrum.org; Characteristics of a Great Scrum Team | Scrum.org