

New PK0-005 Exam Name | Lab PK0-005 Questions

NSD 456 Nutritional Biochemistry

Sample Questions for Exam 2

Fall 2022

1. (T/F) Dietary sucrose has to be broken into 2 glucose molecules before absorption.
2. In the cells, glycolysis occurs in _____, the TCA cycle and oxidative phosphorylation occur in _____, and gluconeogenesis occurs in _____.
3. Describe the process by which high levels of muscle lactate, produced by oxygen debt from exercise, are overcome by gluconeogenesis action of the liver.
4. The only pathway where mature red blood cells get needed ATP is _____.
5. To completely oxidize one molecule of glucose in cardiac muscle, how many ATPs are produced? Show your calculation and rationale in detail.
6. What is the difference between glycemic index (GI) and glycemic load (GL)?
7. Gluconeogenesis is essentially a reversal of which pathway?
 - a. Glycogenesis
 - b. the Krebs Cycle
 - c. Glycolysis
 - d. Lipogenesis
8. In anaerobic conditions, NADH produced in glycolysis is not reoxidized by oxygen in the mitochondria but is oxidized to NAD⁺ by another enzyme. What is this enzyme and why is this process necessary?
9. Which of the following organs/tissues is responsible for gluconeogenesis?
 - a. Skeletal muscle
 - b. Cardiac muscle
 - c. Liver
 - d. The small intestine
10. All of the following are substrates for gluconeogenesis EXCEPT:
 - a. Fatty acids
 - b. Lactate
 - c. Glycerol

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CompTIA PK0-005 is a certification exam that measures a candidate's knowledge and skills in project management. CompTIA Project+ Certification Exam certification is vendor-neutral and is recognized worldwide. PK0-005 exam is designed for professionals who are seeking to validate their project management skills and enhance their career prospects. CompTIA Project+ Certification Exam certification covers the entire project lifecycle from initiation to closure, and it is suitable for individuals who manage small to medium-sized projects.

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One of the advantages of taking the CompTIA PK0-005 exam is that it covers a wide range of project management skills. PK0-005 exam tests candidates on their understanding of project initiation, planning, execution, monitoring, control, and closure. It also evaluates their ability to manage project resources, stakeholders, and communication. PK0-005 Exam ensures that certified professionals possess the necessary knowledge and skills to lead projects successfully from start to finish.

CompTIA Project+ Certification Exam Sample Questions (Q175-Q180):

NEW QUESTION # 175

During quality analysis, different team members are identifying multiple constraints. Which of the following tools should the project manager adopt first to help track and prioritize a resolution?

- A. Risk register
- B. Defect log
- C. Issue log
- D. Change log

Answer: C

Explanation:

An issue log is a tool that records and tracks any issues that arise during the project. It helps the project manager to identify, prioritize, assign, monitor, and resolve the issues in a timely manner. An issue log can also include information such as the issue description, impact, status, owner, and resolution date¹. An issue log is different from a defect log, which records and tracks the defects or errors in the project deliverables. A risk register is a tool that records and tracks the potential risks that may affect the project objectives. A change log is a tool that records and tracks the changes that are made to the project scope, schedule, budget, or quality².

NEW QUESTION # 176

Participant attendance has been poor at the last few weekly meetings. The project manager wants to validate who the participants should be, how often the meetings should occur, and on which day and at what time the meeting should be held. Which of the following is the best place to validate this information?

- A. Project business case
- B. Project management plan
- C. Project communication plan
- D. Project schedule

Answer: C

Explanation:

The communication plan defines the meeting cadence, frequency, participants, formats, and methods of communication. If participation is low, the project manager refers to this plan for validation and adjustment.

This is part of governance and compliance to ensure the right stakeholders are engaged appropriately.

Reference: CompTIA Project+ PK0-005 Study Guide - Communications Management; CompTIA Cloud+ CV0-004 Governance & Compliance objectives.

NEW QUESTION # 177

The project team determines that software installation can only begin after the desktops have been installed and can be powered on. Which of the following dependencies does this represent?

- A. Internal
- B. Mandatory
- C. External
- D. Discretionary

Answer: B

Explanation:

The dependency between software installation and desktop installation is a mandatory dependency. A mandatory dependency is a type of dependency that is inherent in the nature or logic of the work and cannot be avoided or changed. It is also known as a hard dependency or a hard logic dependency. A mandatory dependency means that one task must be completed before another task can start or finish. For example, software installation can only start after desktop installation is finished. The dependency between desktop installation and software installation represents a mandatory dependency. A mandatory dependency is a type of task dependency that is inherent in the nature of the work being performed.

In this case, software installation cannot begin until desktops are installed and powered on, and therefore, the dependency is mandatory. References: CompTIA Project+ Study Guide, Chapter 3: Project Integration Management, Objective 3.1: Identify the project management processes and the interactions between them.

NEW QUESTION # 178

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 # 179

Which of the following activities would a project manager perform during the closing phase? (Select THREE).

- A. Acquiring resources
- B. Lessons learned
- C. Risk analysis
- D. Statement of work sign-off
- E. Removing access
- F. Stakeholder analysis
- G. Removing resources

Answer: B,E,G

Explanation:

Explanation

Lessons learned, removing resources, and removing access are activities that a project manager would perform during the closing phase of a project. Lessons learned is a process of collecting and documenting the knowledge and experience gained from a project for future reference and improvement. Removing resources is a process of releasing or reallocating any human or material resources that were used for the project.

Removing access is a process of revoking any permissions or privileges that were granted to the project team members or stakeholders for accessing any systems or data related to the project. These activities can help to finalize and close a project successfully and ensure that all deliverables are transferred, all documentation is approved and archived, all contracts are closed, and all stakeholders are satisfied.

NEW QUESTION # 180

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