GCP CDA Module 2 Quiz Answers

1. What does the rehosting migration strategy involve?

- Making small changes to the on-premises system once migrated to the cloud.
- Moving applications to a new cloud-based service platform.
- **Moving an entire on-premises system to the cloud without changing anything else about the system.**
- Building all-new applications from scratch and discarding old applications.

> *Explanation: Rehosting involves moving an entire on-premises system to the cloud without making any changes. It's also known as 'lift and shift'.*

2. Your startup company has limited IT resources and wants to quickly scale its operations without investing in physical hardware and maintenance. Which cloud model would be most suitable for your startup?

- On-premises cloud
- Private cloud
- **Public cloud**
- Hybrid cloud

> *Explanation: Public cloud is ideal for startups due to its scalability, cost-effectiveness, and lack of maintenance requirements.*

3. What is the final phase of the Google Cloud migration path?

- Deploy
- **Optimize**
- Plan
- Assess

> *Explanation: The final phase is 'Optimize', where organizations begin using cloud-based technologies and features for improved performance.*

4. An organization wants to move its applications to a new, cloud-based service platform and needs to train its team members for the new platform experience. Which cloud-migration strategy is most suitable for this organization?

- Refactoring
- Rehosting

- Replatforming
- **Repurchasing**

> *Explanation: Repurchasing involves moving applications to a new cloud-based service platform, typically requiring training for the new environment.*

5. What is a public cloud?

- A cloud model that dedicates all cloud resources to a single user or organization and grants full access admin permissions to that single entity.
- A cloud model that allows users to add a public cloud provider to an existing on-premises computing infrastructure.
- **A cloud model that delivers computing, storage, and network resources through the internet and is shared among multiple users and organizations.**
- A combination of the public and private models that involves using both the on-premises (traditional) resources as well as the cloud computing resources.

> *Explanation: Public cloud delivers computing resources over the internet and is shared among multiple users, managed by third-party providers.*