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**Started on** Thursday, 11 September 2025, 1:12 PM

**State** Finished

**Completed on** Thursday, 11 September 2025, 2:22 PM

**Time taken** 1 hour 10 mins

**Marks** 0.00/6.00

**Grade** **0.00** out of 40.00 (**0%**)

Information

Answer All Questions

Information

6.(A)

Question **1**

Not answered

Marked out of 1.00

Evaluate the suitability of different cloud deployment models (public, community, private, hybrid) for various types of organizations and applications. Discuss the advantages and disadvantages of each deployment model.

Information

(OR)

Information

6.(B)

Question **2**

Not answered

Marked out of 1.00

Compare and contrast the three cloud delivery models: Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). Provide examples of each.

Information

7.(A)

Question **3**

Not answered

Marked out of 1.00

Explain the concept of [cloud security](#) services. Give brief explanation for at least three key services and their significance in ensuring the security of cloud-based systems.

Information

(OR)

Information

7.(B)

Question **4**

Not answered

Marked out of 1.00

Identify the obstacles and recommended strategies for upholding data confidentiality within cloud environments. Illustrate how encryption techniques and access control mechanisms can be employed to safeguard sensitive information stored in the cloud.

Information

8.(A)

Question **5**

Not answered

Marked out of 1.00

Describe how Keystone functions within the OpenStack environment, emphasizing its significance in managing authentication and authorization. Provide insights into how Keystone would be utilized to ensure secure access control and user management within the organization's OpenStack deployment.

Information

(OR)

Information

8.(B)

Question **6**

Not answered

Marked out of 1.00

Enumerate the challenges you might encounter in maintaining data confidentiality in the cloud and suggest best practices to address them. Provide examples of encryption techniques and access control mechanisms that can be implemented to protect the healthcare organization's sensitive data.

[◀ PART A](#)[Part B and C Answer Script ▶](#)