

Name:Section:Roll Number:

*****	WRITE BRIEF AND PRECISE ANSWERS. DO YOUR OWN WORK. DO NOT LOOK AROUND	*****
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1. What are cloud models? How many cloud models are there? Provide brief description of each cloud model and provide two pros/cons of each.
2. Describe the benefits of high availability and scalability in the cloud.
3. Explain Horizontal Scaling vs Vertical Scaling. Which one can be automated and how?

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1. Describe the benefits of security and governance in the cloud
2. Describe: 1. consumption-based model. 2. Shared Responsibility Model
3. Explain Fault Domains and Update Domains

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1. Describe availability zones, usage and benefits. What are the data center requirements to be part of availability zones? Give at least two requirements
2. Describe Infrastructure as a Service. Under what circumstances an organization would opt to use IaaS instead of Platform as a service. Give two or more reasons
3. Explain VM Scale Sets

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1. Describe: 1. Clustering, 2. Virtualization
2. According to the shared responsibility model, which cloud service type places the most responsibility on the customer and why? Give at least two reasons
3. Explain VM Availability Sets