

Name:Roll Number:Circle your section: BDS-7A | BCS-9A

****	WRITE BRIEF AND PRECISE ANSWERS. CONCENTRATE ON YOUR OWN WORK. ALL QUESTIONS CARRY EQUAL MARKS	****
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1. Under what circumstances VPN is used in cloud environments? What are the key requirements to setting up VPN between two sites?
2. What is VNET peering? Explain the requirements to set up virtual network peering.
3. With a subnet mask of 27, how many bits are usable in an IP address? And what is the available range of IP addresses?
4. You have mistakenly configured a newly created on a virtual network named VNET_TEST. You need to move it to VNET_PROD now. Explain how would you a VM to a new VNET?

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1. How can you move a VM to a different virtual network?
2. How can an organization connect its AWS and Azure networks? What are the key requirements to setup such a connection?
3. You have a VNET with an address space of 10.10.0.0/24. Divide the whole address space into 3 subnets.
4. You are given an IP address with /27 subnet mask. Provide the number of usable bit and the range of available IP addresses.