Cloud Computing Assignment Week 4

Sl No	Question	Ans
1	Azure provides software development kit for (a) Java (b) .Net (c) None of these	a,b
2	Azure resources are deployed and managed in (a) Azure CLI (b) Azure resource group (c) None of these	b
3	Azure App Service plan defines (a) Region (b) Instance size (c) Scale count	a,b,c
4	OpenStack: Which IP use is preferred for transferring data to a VM from (i) Another VM in the same cloud (ii) Your organization's network- (a) i. Floating IP ii. Private IP (b) i. Private IP ii. Floating IP (c) Floating IP in both cases (d) Private IP in both cases	b
5	OpenStack: Security groups- (a) Are quick alternative to Firewall (b) Prevent Virus and Spams (c) Prioritize VMs from low to high security (d) All of these	a
6	OpenStack: When a VM is terminated, which of the following resources are freed- (a) Ephemeral and persistent storage, All IPs, RAM and vCPUs (b) Ephemeral and persistent storage only (c) Ephemeral storage, All IPs, RAM and vCPUs (d) None	c
7	Keystone provides Authentication and Authorization service in an Openstack cloud for (a) Administrators and users (b) Only Administrator (c) For nova (d) For all users and services	d
8	OpenStack: Different components of Nova (e.g. scheduler, Compute, api etc.) communicates via	a

	(a) Message Queues (b) Neutron (c) Conductor (d) Swift	
9	**GCP: Match the following pairs:** **A)GoogleAppEngine** **B)Google CloudEndPoints** **C)Google ComputeEngine** **1)** You can create and run virtual machines on Google infrastructure **2)** You can migrate your web app to Google Cloud Platform for better performance **3)** You can scale your app according to the demand/ service requests **Options: a)A-2,B-3,C-1 b)A-3,B-1,C-2 c)A-3,B-2,C-1 d)None** **Solution Hint:** **GoogleAppEngine: PaaS, used to run applications;** **GoogleCloudEndPoints: Scale your application;** **GoogleComputeEngine: Create/ run VMs;**	*a*

10	GCP: Choose the correct option(s)
	   a) To run your web-application, you need to configure only the Google Storage bucket
	   b) "gcloud app deploy app.yaml" the command can be used to deploy your app to app-engine
	   c) After launching your application to app-engine anyone can view the app at *http://[YOUR_PROJECT_ID].appspot.com*
	   d) "gcloud app browse" – can be used to start the local development server for the application
	
	Solution Hint:
	
	a) is wrong because you can't run your web-app only configuring storage bucket, you need a PaaS configuration. Option d) is incorrect as that command is used to view web-app.
		b,c