## Cloud Computing

### Assignment-Week 4
### TYPE OF QUESTION: MCQ/MSQ

**Number of questions**: 10        **Total mark: 10 X 1 = 10**

### QUESTION 1:

Azure app service plans define:

  A. Instance size

  B. Security

  C. Region

  D. Scale count

**Correct Option: A, C, D**

**Detailed Answer:** Azure app service plan defines instance size, region, scale count and SKU (Stock-Keeping Unit). So the correct answers are A, C and D.

### QUESTION 2:

In Azure, app service supports local Git to deploy content to a web app.

    A. TRUE

    B. FALSE

**Correct Option: A**

**Detailed Answer:** The statement is true. In Azure, app service supports local Git to deploy content to a web app.

### QUESTION 3:

Which of the following statement(s) is/are FALSE for Microsoft Azure Resource Group?

    A. It is a logical container

    B. It manages Azure resources

    C. It is a physical container

    D. It deploys web apps, databases, and storage accounts

**Correct Option: C**

**Detailed Answer:** A resource group is a logical container into which Azure resources like web apps, databases, and storage accounts are deployed and managed. Hence, C is the only incorrect answer.

## QUESTION 4:

Identify the correct statement(s) on Google App Engine.

    A. It is a part of Google Cloud Platform (GCP) "services" infrastructure

    B. It is a Platform as a Service (PaaS) component of GCP

    C. While using Google App Engine patching and maintenance would be checked continuously

    D. It is a part of Google Cloud Platform (GCP) "compute" infrastructure

**Correct Option: B, D**

**Detailed Answer:** Google App Service is a part of GCP compute infrastructure. It is a Platform as a Service (PaaS) component of GCP. Using App Engine, we can just focus on our code and do not need to worry about patching or maintenance. So the correct options are B and D.

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## QUESTION 5:

Google Cloud Datastore provides flexible object storage with global edge caching.

    A. TRUE

    B. FALSE

**Correct Option: B**

**Detailed Answer:** Google Cloud Storage, not Datastore provides flexible object storage with global edge caching. So the statement is false.

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## QUESTION 6:

**Statement 1**: In Microsoft Azure, a deployment user is required for FTP and local Git deployment to a web app.

**Statement 2**: When deploying the Azure app remotely, the login password of the Azure account needs to be entered when the system asks for password.

    A. Statement 1 is True and Statement 2 is False

    B. Statement 1 is False and Statement 2 is True

    C. Both are True

    D. Both are False

**Correct Option: A**

**Detailed Answer:** A deployment user is required for FTP and local Git deployment to a web app in Microsoft Azure. When deploying the Azure app remotely, the password created while configuring the deployment user should be used, not the password used to log in to the Azure portal. So the correct option is A.

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## QUESTION 7:

Match the following columns:

| Column I | Column II |
|---|---|
| A. GoogleAppEngine<br>B. GoogleCloudEndpoints<br>C. GoogleAPI | 1. Integrates Google's services into end users' application<br>2. Helps end users' application scalability<br>3. Helps to migrate web application to Google Cloud Platform |

    A. A-1, B-2, C-3

    B. A-3, B-2, C-1

    C. A-3, B-1, C-2

    D. A-2, B-1, C-3

**Correct Option: B**

**Detailed Answer:** GoogleAppEngine helps to migrate web applications to Google Cloud Platform. GoogleCloudEndpoints help end users' application scalability. GoogleAPIs integrate Google's services into end users' applications. So, the correct option is B.

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## QUESTION 8:

While developing a web-app using Google App Engine, the development server should not be kept running when changes are made to the source file.

    A. TRUE

    B. FALSE

**Correct Option: B**

**Detailed Answer:** The development server can be kept running while the application is being developed in Google App Engine. The development server watches for changes in the source files and reloads them if necessary. Hence, the statement is false.

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## QUESTION 9:

Identify the correct statement(s) on OpenStack storage concepts:

    A. Ephemeral storage is managed by Nova

    B. Block storage is accessible from within VM as a local file system

    C. Both Block storage and Object storage persist until specifically deleted by the user.

    D. Object storage is used to add additional persistent storage to VM and/or run operating system.

**Correct Option: A, C**

**Detailed Answer:** Ephemeral storage is managed by Nova. Block storage is accessible from within VM as a block device (e.g. /dev/vdc). Both Block storage and Object storage persist until specifically deleted by the user. Object storage is used to add store files, including VM images. Hence A and C are correct.

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## QUESTION 10:

Which of the following is/are storage service(s) provided by Google Cloud Platform(GCP)?
   A. BigQuery
   B. Cloud SQL
   C. Cloud Datastore
   D. Cloud Endpoints

**Correct Option: B, C**

**Detailed Answer:** Cloud SQL and Cloud Datastore are the storage services mentioned here provided by GCP. Hence, B and C are correct.

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