Cloud Computing

Assignment- Week 4
TYPE OF QUESTION: MCQ/MSQ

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

QUESTION 1:

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 deploys web apps, databases, and storage accounts

     (d) It is a physical container

Correct Option: d

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

QUESTION 2:

Statement 1: Azure supports public cloud platforms.

Statement 2: Azure App Service plan defines security.

     (a) Statement 1 is TRUE, Statement 2 is FALSE

     (b) Statement 2 is TRUE, Statement 1 is FALSE

     (c) Both statements are TRUE

     (d) Both statements are FALSE

Correct Answer: a

Detailed Solution: Microsoft Azure is Microsoft's public cloud computing platform. Azure App Service Plan is the container for hosting Web Apps, API Apps, Mobile Apps and Function Apps.

QUESTION 3:

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

     (a) TRUE
     (b) FALSE

Correct Answer: a

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

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QUESTION 4:

Google APIs help to:

a) scale up the app according to the demand/ service requests.
b) integrate Google's services into the application.
c) migrate the web app to Google Cloud Platform.
d) None of the above

Correct Option: b
Detailed Solution: Google APIs help to integrate Google's services into the application.

QUESTION 5:

Which of the following is/are storage service(s) provided by Google Cloud Platform(GCP)?

(a) Cloud SQL

(b) BigQuery

(c) Cloud Datastore

(d) Cloud Endpoints

Correct Answer: a, c
Detailed Solution: Cloud SQL and Cloud Datastore are the storage services mentioned here provided by GCP. Hence, A and C are correct..

QUESTION 6:

Match the following columns:

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

a) A-3, B-2, C-1
b) A-1, B-2, C-3
c) A-3, B-1, C-2
d) A-2, B-1, C-3

Correct Option: a

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 A.

QUESTION 7:

In OpenStack, when a VM is terminated, which of the following memory resources are freed?

      a. Ephemeral storage
      b. Block Storage
      c. Persistent Storage
      d. RAM

Correct Answer: a, d
Detailed Solution: In OpenStack, ephemeral storage and RAM are freed when a VM is terminated.

QUESTION 8:
Statement 1: When deploying the Azure app remotely, the login password of the Azure account needs to be entered when the system asks for password.

Statement 2: In Microsoft Azure, a deployment user is required for FTP and local Git deployment to a web app.

      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: b

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 B.

QUESTION 9:
The Azure App pan has a scale count of _____ instances.

      (a) 1 to 10
      (b) 1 to 100
      (c) 1 to 50
      (d) 1 to 20

Correct Answer: d

Detailed Solution: The Azure App pan has a scale count of 1 to 20 instances.

QUESTION 10:

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.