

EM 1 (Weekly Test)

Points: 7/25

Time: 07:54

1. Write your name: *

ROSHNI VERMA

2. Select NSTI location: *

☐ Calicut

☐ Howrah

☒ Kolkata

☐ Vidyanagar

✓ **Correct** 1/1 Points

3. Compute, Storage and Network services can be grouped together as what?

☒ IaaS

- ☐ PaaS
- ☐ DBaaS
- ☐ SaaS

✗ **Incorrect** 0/1 Points

4. Cloud computing is a good option when the cost of infrastructure and management is _____.

- ☒ low
- ☐ high
- ☐ moderate
- ☐ None of these

✗ **Incorrect** 0/1 Points

5. To deploy a Cloud Foundry project, use which command?

- ☐ cf start
- ☒ cf deploy
- ☐ cf run
- ☐ cf push

✗ **Incorrect** 0/1 Points

6. _____ is a collection of availability zones that are geographically located close to one other.

- ☐ Edge Locations
- ☐ Regions
- ☒ Regional Edge Caches
- ☐ Rural Edge Caches

✗ **Incorrect** 0/1 Points

7. Which IBM Cloud database service is a fully managed NoSQL document-based database?

- ☐ Db2 Hosted
- ☒ Db2
- ☐ Db2 Warehouse
- ☐ IBM Cloudant

✗ **Incorrect** 0/1 Points

8. This is the practice of collecting computer files that have been packaged together for backup, to transport to some other location, for saving away from the computer so that more hard disks can be made available, or for some other purpose.

- ☐ Backup
- ☐ Archive

- ☒ Migration
- ☐ Compression

✗ **Incorrect** 0/1 Points

9. What is a multi-zone region?

- ☐ A region achieves 99.9 availability for your apps and services.
- ☒ A region that is comprised of 2 or more zones that are independent from each other to ensure that single failure events affect only a single zone.
- ☐ A region where you can host the power cooling, compute, network, and storage resources for services and apps.
- ☐ A region that is comprised of 3 or more zones that are independent from each other to ensure that single failure events affect only a single zone.

✗ **Incorrect** 0/1 Points

10. Which of the following is one of the building blocks for Virtual Private Cloud (VPC)

- ☒ Bare Metal Servers running VMware
- ☐ Multi-zone Regions
- ☐ IBM Cloud Gateway Appliances
- ☐ Security Access Lists

✓ **Correct** 1/1 Points

11. What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

- ☐ Distributed Computing
- ☒ Cloud Computing
- ☐ Soft Computing
- ☐ Parallel Computing

✗ **Incorrect** 0/1 Points

12. Which of these is not a component that makes up the AWS Global Infrastructure.

- ☐ Availability Zones
- ☐ Regions
- ☒ Regional Edge Caches
- ☐ Rural Edge Caches

✓ **Correct** 1/1 Points

13. Amazon S3 stands for:

- ☐ Simplified Storage Service
- ☐ Simplified Storage Solution
- ☐ Simple Storage Solution

☒ Simple Storage Service

✗ **Incorrect** 0/1 Points

14. What are the three account types in IBM Cloud?

- ☐ Standard, Pay Per Use, and contract
- ☐ Lite, Pay as You Go, and Subscription
- ☐ Free, Monthly, and Annual
- ☒ Basic, Advanced, and Premium

📝 **Will be reviewed**

15. A _____ is a cloud computing service that is both hardware and software.

- ☒ service
- ☐ platform
- ☐ model
- ☐ All of these

✗ **Incorrect** 0/1 Points

16. Which Cloud Pak is a fully integrated data and AI platform that modernizes how businesses collect, organize and analyze data to infuse AI throughout their organizations?

- ☒ Cloud Pak for Multicloud Management

- ☐ Cloud Pak for Integration
- ☐ Cloud Pak for Security
- ☐ Cloud Pak for Data

✗ **Incorrect** 0/1 Points

17. What is a Virtual Private Cloud?

- ☐ Any vendors public cloud
- ☐ An on-premises cloud that connects to a public cloud
- ☒ A collection of virtual machines that are interconnected
- ☐ A secure, isolated private cloud hosted within a public cloud

✓ **Correct** 1/1 Points

18. A customer has a large number of backup files that they want to store. The backups are being kept for archiving purposes and will be rarely accessed. Which of the following would provide the customer with the lowest cost storage option?

- ☐ IBM Cloud Backup
- ☒ IBM Cloud Object Storage
- ☐ IBM Cloud File Storage
- ☐ IBM Cloud Block Storage

✓ **Correct** 1/1 Points

19. What is Kubernetes?

- ☐ An open source cloud platform
- ☒ An open source container orchestration platform
- ☐ An open source container runtime
- ☐ A proprietary container orchestration solution

✗ **Incorrect** 0/1 Points

20. A _____ Level Agreement is the contract for performance negotiated between you and a service provider.

- ☐ Service
- ☐ Application
- ☒ Deployment
- ☐ All of these

✓ **Correct** 1/1 Points

21. What are two ways to interact with IBM Cloud?

- ☐ IBM Cloud SDK, SSH key
- ☒ IBM Cloud Console, and IBM Cloud CLI
- ☐ IBM Cloud Shell, API key

☐ SSH key and API key

✗ **Incorrect** 0/1 Points

22. What must you configure to allow your VPC to communicate to the internet?

☐ Region

☒ Availability Zone

☐ Subnet

☐ Internet Gateway

✗ **Incorrect** 0/1 Points

23. This is where the actual compute, storage, network, and database resources are hosted that we as consumers provision within our Virtual Private Clouds (VPCs).

☐ Availability Zones

☐ Regions

☒ Regional Edge Caches

☐ Rural Edge Caches

✗ **Incorrect** 0/1 Points

24. This is a repository for the storage, management, and dissemination of data in which the mechanical, lighting, electrical and computer systems are designed for maximum energy efficiency and minimum environmental impact.

- ☐ Storage lab
- ☐ Data Center
- ☒ Data warehouse
- ☐ Fabric

✗ **Incorrect** 0/1 Points

25. Point out the wrong statement.

- ☒ Large cloud providers with geographically dispersed sites worldwide, therefore, achieve reliability rates that are hard for private systems to achieve.
- ☐ Private data centers tend to be located in places where the company or unit was founded or acquired.
- ☐ A network backbone is a very low-capacity network connection.
- ☐ None of these.

✗ **Incorrect** 0/1 Points

26. What account type never expires, does not require a credit card and has access to over 40 services?

- ☐ Enterprise
- ☒ Pay-as-you-go
- ☐ Subscription
- ☐ Lite

✓ **Correct** 1/1 Points

27. What is an important concern for the customer in multi-tenant environment?

- ☐ Availability
- ☒ Security
- ☐ Network bandwidth
- ☐ Network latency

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