

National University of Computer and Emerging Sciences, Lahore Campus



Course: Intro to Cloud Computing
Program: BS (Computer Science)
Duration: 15 Minutes
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Section: BCS (6A)
Exam: Quiz 2-B

Course Code: CS-4037
Semester: Spring 2023
Total Marks: 12
Weight: 02%
Page(s): 02
Roll No.

Name:

Attempt all questions on the question paper. Rough sheets can be used but it should not be attached. If you think some information is missing then assume it and mention it clearly.

Question # 1: [6 marks, CLO # 1]

Choose the correct option.

1. What is the pricing model that enables cloud customers to pay for resources on an as-needed basis? (Select the best answer)

- (a) Pay as you decomposition **(b) Pay as you go**
(c) Pay as you buy (d) Pay as you reserve

2. True or False? Cloud service provider owns and maintains the network-connected hardware required for application services, while you provision and use what you need.

- (a) True** (b) False

3. Which of these core perspectives focus on technical capabilities? (Select the best answer)

- (a) Platform, Security, Operations** (b) Business, People, Governance
(c) Both a and b (d) None of the above

4. What are the four support plans offered by AWS support? (Select the best answer)

- (a) Basic, Developer, Business, Enterprise** (b) Basic, Startup, Business, Enterprise
(c) Free, Bronze, Silver, and Gold (d) All support is free

5. As AWS grows, the cost of doing business is reduced and saving are passed back to the customer with lower pricing. What is this optimization called? (Select the best answer)

- (a) Expenditure awareness **(b) Economies of scale**
- (c) Matching supply and demand (d) EC2 Right Sizing
6. AWS support provides services to Enterprise Support Plan:
- (a) Technical Support Manager (b) AWS Trusted Advisor
- (c) AWS Support Concierge **(d) All of the above**

Question # 2: [4 marks, CLO # 2]

What are web services? What do you know about AWS?

“A **web service** is any piece of software that makes itself available over the internet and uses a standardized format—such as Extensible Markup Language (XML) or JavaScript Object Notation (JSON)—for the request (input dataset) and the response (output dataset) of an application programming interface (API) interaction.”

It is not tied to any one operating system or programming language. It is self-describing via an interface definition file and it is discoverable.

“**AWS** is a secure cloud platform that offers a broad set (an ecosystem) of global cloud-based products.”

AWS provides you with on-demand access to compute, storage, network, database, and other IT resources and management tools. You can immediately provision and launch AWS resources.

Question # 3: [2 marks, CLO # 2]

What are the fundamental drivers of cost with AWS?

Compute:

- Charged per hour/second
- Varies by instance type

Storage

- Charged typically per GB

Data transfer

- Outbound is aggregated and charged
- Inbound has no charge (with some exceptions)
- Charged typically per GB