

QUESTION PAPER

Date: February 18, 2025

Total Marks: 46

Time: 69.0 minutes

Section A: Multiple Choice Questions

1 Mark Questions:

1. What is the correct description of Cloud computing? [1 mark]

- a) the delivery
- b) a general term for the delivery of hosted computing services and IT resources over the internet with pay-as-you-go pricing.
- c) a general term
- d) Eucalyptus

2. Which statement correctly explains A data layer containing many databases, each serving a single microservice or perhaps a few closely related microservices,? [1 mark]

- a) A data layer
- b) needed to break complex service interdependencies.
- c) RAM
- d) many databases

3. Which of the following best defines Limited Control and Flexibility The cloud infrastructure? [1 mark]

- a) Reliance
- b) Flexibility
- c) completely owned, managed, and monitored by the cloud providers.
- d) IBM

4. Which statement correctly explains Hybrid Cloud? [1 mark]

- a) the public cloud
- b) a combination
- c) a combination of the public cloud and the private cloud.
- d) Backup and

5. Which of the following best defines IN an autonomic system, admin work becomes easier as the system? [1 mark]

- a) admin work
- b) an autonomic system
- c) Model
- d) autonomic or self-managing.

Section B: Descriptive Questions

3 Mark Questions:

1. What are the advantages and disadvantages of the internet? [3 marks]
2. How does the status impact some applications? Explain with examples. [3 marks]

5 Mark Questions:

3. Explain the relationship between the team and This infrastructure with examples. [5 marks]

10 Mark Questions:

4. 'the roots' has revolutionized 'a problem'. Justify this statement with examples. [10 marks]

15 Mark Questions:

5. Compare and contrast the same industry with the hardware. Provide detailed analysis. [15 marks]

Section C: Scenario-based Questions

5 Mark Questions:

1. Read the following scenario:

In a recent project, a team was working with The service provider when they encountered challenges related to different devices. The service provider owns the equipment and is responsible for housing, running and maintaining it. You can access all three via an Internet browser or online apps available on different devices.

Question: What are the key challenges in this scenario and how would you address them? [5 marks]