



	WINTER-2023		
	Exam Seat No.:		
	Academic Year:2023-2024	Semester:III	
	Name of Programme:MCA	Pattern:2022	
	Name of Course:Cloud Computing	Course Code:MCA223003	
	Max. Marks:60	Duration:2.50	

	<p>Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.</p> <ol style="list-style-type: none">1. This question paper contains _____page(s).2. Answer to each new question is to be started on a new page.3. Assume suitable data wherever required, but justify it.4. Draw the neat labelled diagrams, wherever necessary.5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question.	
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Question No. 1 Attempt following Question

- 1a) Explain following point with reference to cloud computing. (6) CO1
i) Vision ii) Characteristics iii) Challenges

Question No. 2 Attempt following Question

- 2a) Explain Virtualization and Cloud computing. (6) CO2

Question No. 3 Attempt following Question

- 3a) Illustrate Amazon Simple DB and Amazon Storage System. (8) CO3

OR

- 3b) Illustrate Architecture of Google App Engine. (8) CO3

- 3c) Illustrate the Amazon Database services. (8) CO3

OR

- 3d) Demonstrate the steps involved in creating an EC2 instances. (8) CO3

Question No. 4 Attempt following Question

- 4a) Illustrate Docker, Kubernetes Containers technology. (8) CO4

OR

4b) Demonstrate the Serverless Computing. (8) CO4

4c) Illustrate the Cloud Computing Applications in detail. (8) CO4

OR

4d) Illustrate Continuous Integration & Delivery – Jenkins. (8) CO4

Question No. 5 Attempt following Question

5a) Demonstrate System Development Life Cycle using DevOps. (8) CO5

OR

5b) Illustrate the term Cloud Computing and Business Intelligence. (8) CO5

5c) Illustrate the term Google DevOps Solutions. (8) CO5

OR

5d) Demonstrate Principle of container based application design. (8) CO5