

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Computer Application and Technology Back Paper Examination Even Semester (Non - Graduating Batches) – June 2024 [Programme: BCA All Sp. IV Sem] [Semester: IV Sem] [Batch:2021-24]				
Course Title: Fundamentals of Cloud Computing Course Code: BCAC2402		Max Marks: 100 Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	What is cloud computing?	K1	CO1	5
2.	Name and describe the three main service models of cloud computing.	K1	CO1	5
3.	What are the main deployment models of cloud computing?	K2	CO2	5
SECTION-B (40 Marks)		10 Marks each		
4.	Explain the concept of virtualization in cloud computing and its significance.	K2	CO2	10
5.	Evaluate the advantages and disadvantages of multi-cloud strategies for enterprises. Discuss how businesses can effectively manage and optimize their multi-cloud environments.	K3	CO2	10
6.	Analyze the impact of cloud computing on traditional IT infrastructure and operations. How should organizations transition to cloud environments while maintaining operational efficiency and minimizing disruptions?	K3	CO3	10
7.	Evaluate the impact of cloud-native technologies (such as microservices, containers, and serverless computing) on software development and deployment practices. How do these technologies improve scalability, resilience, and time-to-market for applications?	K4	CO3	10
SECTION-C (45 Marks)		15 Marks each		
8.	Analyze the Economic Implications of Cloud Computing for Enterprises atleast five parameter	K4	CO4	15
9.	Identify Security Challenges and Best Practices in Cloud Computing	K5	CO4	15
10	The Role of Cloud Computing in Digital Transformation. Evaluate Benefits of Leveraging Cloud Technologies	K5	CO4	15