

Name. _____		<b>Printed Pages:01</b>		
Student Admn. No.: _____				
<b>School of Computing Science &amp; Engineering</b> <b>Backlog Examination, June 2023</b> <b>[Programme: BCA] [Semester: IV ] [Batch: ]</b>				
Course Title: Fundamentals f Cloud Computing		<b>Max Marks: 100</b>		
Course Code: BCAC2402		<b>Time: 3 Hrs.</b>		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
1.	What is Platform as a Service (PaaS)? Give any two examples of it.	K1	CO1	5
2.	What are the key benefits of cloud migration?	K2	CO1	5
3.	Why is IAM so important for cloud computing?	K2	CO2	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
4.	What is a System Virtual Machine? Give any two examples of it.	K2	CO2	10
5.	Discuss the main cloud management tasks that are needed to ensure efficient use of cloud resources.	K3	CO2	10
6.	Discuss the three different types of Firebase Cloud Messaging?	K3	CO3	10
7.	What is Cloud communication? Give any two examples of it. OR What are the advantages and disadvantages of cloud computing? Explain in detail.	K3	CO3	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
8.	Draw and explain the service-oriented architecture stack for a cloud. Discuss both the functional aspects and quality of service aspects of it.	K4	CO4	15
9.	What is a Hypervisor? Describe the different types of Hypervisors? Five any two examples of each.	K4	CO3	15
10	Explain the need of cloud security services (CIA) in detail. How Authorization is differ from Authentication? OR Explain the Storage Virtualization with the help of figures? Describe of the different types of storage virtualizations.	K4	CO4	15