Registration no: | | | | | | | | | | |

Total Number of Pages: 2	**B.Tech.**
	Subject Code:OECS6331

5th Semester Regular Examination 2023-24

Subject Name: CLOUD COMPUTING (OE-II)

Branch: All

Time: 3 Hours

Max Marks: 60

Question Code:

Answer Question No.1 which is compulsory and any five from the rest.

The figures in the right hand margin indicate marks.

Q1		**Answer the following questions:**	**(1x10)**
	a)	Name the technology behind cloud computing.	
	b)	S3 organizes its storage space into buckets that cannot be further partitioned. (true/false)	
	c)	What is the role of AWS elastic BeanStalk ?	
	d)	What are hypervisors.	
	e)	What is the service provided by Amazon elastic MapReduce?	
	f)	What is elastic IP.	
	g)	How the processing power is expressed in cloud computing environment?	
	h)	Once an AMI is created, it is stored in S3 bucket (true/false)	
	i)	What is the use of CloudFormation template ?	
	j)	What do you mean by Sandboxing In cloud computing?	
Q2	**a)**	Describe how virtualization technologies have gained interests in cloud computing recently.	**(5)**
	b)	Briefly explain concepts of virtualization and its components.	**(5)**
Q3	**a)**	Describe Windows Azure concepts.	**(5)**
	b)	Describe NIST classification for cloud computing.	**(5)**
Q4	**a)**	Write a short note on communication services.	**(5)**
	b)	Describe SQS and SNS.	**(5)**
Q5	**a)**	Describe S3 component and how it is different from normal file system	**(5)**
	b)	Describe one of the advanced computing services by AWS.	**(5)**
Q6	**a)**	Briefly describe technology behind cloud computing	**(10)**
Q7	**a)**	What is Amazon Machine Images.	**(5)**
	b)	Describe EC2 computing power and EC2 environment.	**(5)**

Q8		**Write short notes on any two:**	**(5x2)**
	a)	Google AppEngine	
	b)	Cloud security	
	c)	Identity and access management	
	d)	Simple Email Service	