

Aliah University

Even-Semester (Spring) Examination - 2025
(For 8th Semester BTech. CSE)

Paper Name: Cloud Computing
Paper Code: CSEUGPE27

Full Marks: 80
Time: 3 Hrs

(Answer the Questions as per the instruction in each Group and in Sequential Order)

Group - A

I. Answer all the questions:

(10X1=10)

Sl. No.	Questions	Marks	CO	BT Level
a)	What is Cloud?	1	1	Remember
b)	What are IT resources in the cloud?	1	3	Understand
c)	What is Buckets?	1	2	Remember
d)	What is a Service-Level Agreement (SLA)?	1	1	Remember
e)	Define On-Demand Usage.	1	1	Remember
f)	Which of the following is an example of the cloud? a) Amazon Web Services (AWS) b) Dropbox c) Cisco WebEx d) All of the above	1	2	Understand
g)	Which of the following is a cloud platform by Amazon? a) Cloudera b) Azure c) AWS d) All of the above	1	1	Understand
h)	What is the most important concern of cloud Computing? a) Cost b) Space c) Security d) Platform	1	2	Understand
i)	Heroku is an example of : a) SaaS b) Paas c) IaaS d) None of the above	1	3	Understand
j)	Identify among the components which are known as a hypervisor. a) VMC b) VMM c) VC d) All of the above	1	2	Remember

Group - B

(Answer any 5 questions)

(5x6=30)

SL No.	Questions	Marks	CO	BT Level
2.	Briefly describe cloud characteristics.	6	1	Understand
3.	What are cloud provider and consumer?	6	2	Remember
4.	Define hypervisor in cloud computing and their types.	6	3	Apply
5.	List out the advantages and disadvantages of cloud computing.	2+4	1	Remember
6.	What is scaling in cloud? Explain different types of scaling with suitable diagram.	2+4	2	Understand
7.	Define DataStore in Google AppEngine.	6	4	Understand
8.	List out the advantages and disadvantages of cloud computing.	3+3	1	Remember, Understand

Group - C

(Answer any 4 questions)

(4x10=40)

Sl No.	Questions	Marks	CO	BT Level
9. a)	Differentiate between Distributed computing and Cloud computing	5+5	1	Apply

on demand
cloud network
resource pooling
measured service
rapid elasticity

cost add on
data transfer
vendor lock
security

	b)	Define Cloud computing. What are the characteristics of cloud computing?			
10.	a)	Briefly explain SQL Azure.	5	4	Remember, understand
	b)	Explain storage services of Azure cloud.	5		
11.		What are the features of Google App engine? <i>Loos, PaaS, SaaS</i>	10	4	Understand
12.		Explain different types of cloud service delivery models.	10	2	Remember
13.		What are Amazon cloud watch and S3? b) Explain Amazon EC2.	6+4	4	Understand
14.		What are the cloud deployment models? Explain these with a suitable diagram.	10	2	Remember

Private, Public

*VMware EC2
Hyper V.*

AWS, Azure

Gmail Google Doc.