Enroll. No._____

MARWADI UNIVERSITY
MU-FOT
IT-FOT1 (MU)
Semester 8 - Summer - 2

Subject : CLOUD COMPUTING (01CE0803)
Date : 02-Aug-2022 **Time : 3 Hours** **Total Marks : 100**

Instructions :

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Que.1 Answer the following objectives **[10]**
(A)

(1) What happens when you create a new Amazon VPC?

a)A main route table is created by default,b)Three subnets are created by default—one for each Availability Zone,c)Three subnets are created by default in one Availability Zone,d)An IGW is created by default.

(2) Which cloud service that can only be accessed by a limited amount of people.

a) Data center,b)Private cloud,c)Virtualization,d)Public cloud

(3) Point out the wrong statement.

a) Public cloud may be managed by the constituent organization(s) or by a third party,b) A community cloud may be managed by the constituent organization(s) or by a third party,c) Private clouds may be either on- or off-premises,d) None of the mentioned

(4) What is the number one concern about cloud computing?

a)Too expensive, b) Security concerns, c) Too many platforms, d)Accessibility

(5) Which of the following isn't an advantage of cloud?

A) No worries about running out of storage,B)Easier to maintain a cloud network,
C)Immediate access to computing resources,D) Paying only for what you use

(6) Which is the feature of cloud computing that allows the service to change in size or volume in order to meet a user's needs.

a)Scalability,b)Virtualization,c)Security,d)Cost-savings

(7) What exactly is cloud computing?

a) A way to organize desktop computers,b) Lightweight software that takes up little space on a hard drive,
c) Computing resources that can be accessed on demand, like electricity from a utility,d) The World Wide Web

(8)

A hybrid cloud combines multiple clouds where those clouds retain their unique identities but are bound together as a unit.

a) Public,b) Private,c) Community,d) Hybrid

(9) Which of the following services you would not use to deploy an app?

a)Elastic Beanstalk,b) Lambda,c) Opsworks,d)CloudFormation

(10) Following is not a feature of Cloud Computing:
a)Rapid Provisioning b)On Demand c) None of the above d)Unambiguous

Que.1 (B) Answer the following questions. **[10]**

(1) What are the different types of instances?

(2) How Can Security of Data Concerns Be addressed in cloud? Data Encryption, Access Control, Security Audits, Provider Rep.

(3) What is AWS Lambda? Serverless computing service which runs code in response to events

(4) What Exactly Cloud Computing As Concisely And Simply As Possible In Layman Language?

(5) What is the use of API's in cloud services? Allows program to interact and exchange data with cloud services.

(6) What are the components of Cloud Computing? Storage, Networking, DB, Servers, vitualization, management tools, etc.

(7) List out Cloud Computing Deplyoyment Model Pub., Pvt., Community, Hybrid

(8) List out Cloud Computing Service Model. IAAS PAAS SAAS

(9) Explain Data ownership legal rights and control a person/org. has on data generate, collect, or store in cloud

(10) What are the components of Cloud Computing?

Que.2

(A) Although Virtualization is widely Accepted today, it does have its limits". Comment on the statement [8]

(B) How to Configure the CloudSim ? [8]

OR

(B) If User Store Data on Cloud What about the Integrity? [8]

Que.3

(A) Explain AWS IAM Policy Generator. [8]

(B) What security aspects do you receive along with cloud? [4]

(C) What Are The Security Best Practices For Amazon Ec2 ? [4]

OR

(A) What are Service Model and Deployment Model in Cloud.Explain any one from each. [8]

(B) Can Cloud Computing save money? If yes, please explain. [4]

(C) What are two parameters are considered while performing the live VM-migration. [4]

Que.4

(A) How do cloud systems work on distributed systems? [8]

(B) What is our role as user in cloud security?Who has access to USER data in the cloud? [8]

OR

(A) Discuss Limitations of PAAS. [8]

(B) Express in detail about the overview of virtualization technology. [8]

Que.5

(A) Discuss on the impact of cloud computing on our everyday life. [6]

(B) Discuss what is AWS Elastic Beanstalk? [6]

(C) Discuss Threats in cloud computing [4]

OR

(A) How does virtualization solve business problems? [6]

(B) What is the difference between IaaS and PaaS in Cloud? [6]

(C) Explain Pre copy and Post copy Methods in VM Migration [4]

Que.6

(A) What are the differences between a public cloud and a private cloud? [8]

(B) Name some of the AWS services that are not region-specific.Explain any one. [4]

(C) What is Cloud Storage? [4]

OR

(A) Write key factors for AWS success: [8]

(B) Name some basic characteristics of cloud computing? [4]

(C) Define Roles of the Hypervisor [4]

---Best of Luck---

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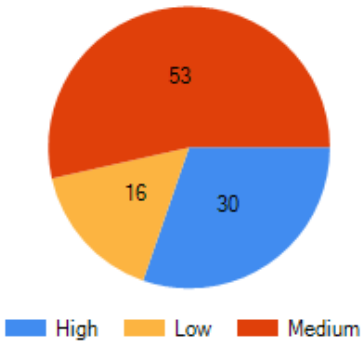
Difficulty Level	Weightage Recommended	Weightage Actual	No of Question	Total Marks	Question List
High	20	30.23	15	52	1(A), 1(B), 3(C), 4(B), 5(A), 5(B), 6(A), 6(B)
Low	20	16.28	6	28	1(A), 1(B), 3(A), 3(B), 4(A), 5(A)
Medium	60	53.49	24	92	1(A), 1(B), 2(A), 2(B), 3(A), 3(B), 3(C), 4(A), 4(B), 5(B), 5(C), 6(B), 6(C)

Module Name	Weightage Recommended	Weightage Actual	No of Question	Total Marks	Question List
Introduction of Cloud Computing	20	21.51	16	37	1(A), 1(B), 3(B), 5(A), 6(A), 6(B), 6(C)
Cloud Service Models	20	19.77	5	34	3(A), 4(A), 5(B), 5(C)
Virtualization and Abstraction	20	19.77	6	34	2(A), 3(C), 4(B), 5(A), 5(C), 6(C)
Amazon Web Services	10	9.88	6	17	1(A), 1(B), 3(C), 5(B), 6(B)
Architecting on AWS	10	9.88	3	17	1(A), 3(A), 6(A)
Cloud Security	15	14.53	8	25	1(A), 1(B), 2(B), 3(B), 4(B)
Cloud Simulation	5	4.65	1	8	2(B)

Blooms Taxonomy	Weightage Recommended	Weightage Actual	No of Question	Total Marks	Question List
Remember / Knowledge	10	16.86	15	29	1(A), 1(B), 2(B), 3(A)
Understand	20	76.16	28	131	1(A), 1(B), 2(A), 3(A), 3(B), 3(C), 4(A), 4(B), 5(A), 5(B), 5(C), 6(A), 6(B), 6(C)
Apply	25	0.00	0	0	
Analyze	25	6.98	2	12	2(B), 3(B)
Evaluate	10	0.00	0	0	
Higher order Thinking	10	0.00	0	0	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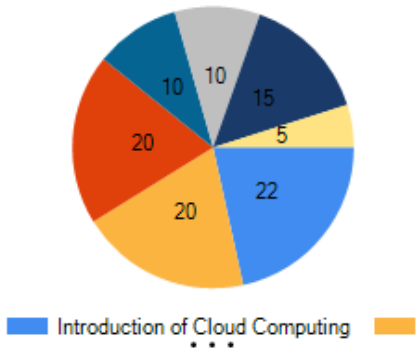
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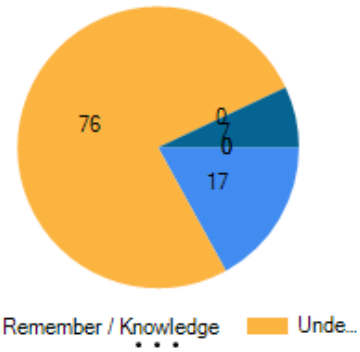
Introduction of Cloud Computing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