

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA/B.SC(IT)/IMCA(AY_IV) Summer 2022 – 23 Examination

Semester: 04**Date: 21/03/2023****Subject Code: 05101260/05102260/05302260****Time: 10.30am to 1.00pm****Subject Name: Cloud Computing - I****Total Marks: 60****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Answer the followings.**A. Do as directed.****(05)**

1. Explain term Cloud Computing.
2. Describe virtual machine in cloud computing.
3. What is the purpose of load balancer in cloud computing?
4. 1 PB = _____ TB.
5. Write down full form of GCP.

B. Do as directed.**(10)**

1. What is Cloud Computing?
 - (a) CC means providing services like storage, servers, database, networking, etc
 - (b) CC means storing data in a database
 - (c) CC is a tool used to create an application
 - (d) None
2. Which of the following is not a type of cloud server?
 - (a) Public
 - (b) Private
 - (c) Community
 - (d) Merged
3. Which of the following is an example of the cloud?
 - (a) AWS
 - (b) GCP
 - (c) CISCO WebEx
 - (d) All
4. Choose the correct IaaS provider among the following.
 - (a) EC2
 - (b) EC1
 - (c) Hybrid
 - (d) EC10
5. PaaS stands for _____.
 - (a) Platform as a service
 - (b) Platform as a software
 - (c) Parallel as a service
 - (d) None
6. _____ describes a cloud service accessible only to a limited number of people.
 - (a) Data Center
 - (b) Private Cloud
 - (c) Virtualization
 - (d) Public Cloud
7. Among the following, which provides the GUI for interaction with the cloud.
 - (a) Server
 - (b) Client
 - (c) Client Infrastructure
 - (d) Application

8. Is google docs a type of cloud computing? (True / False)
9. A good cloud computing network can be adjusted to provide band width on demand. (True / False)
10. Cloud computing networks are designed to support only private and hybrid clouds. (True / False)

Q.2 Attempt any five. (15)

1. Explain Ghost File System.
2. List out types of Risks in Cloud Computing? Explain any one in detail.
3. What is DAS?
4. Write down advantages & disadvantages of Cloud Computing.
5. Explain term GCP. List out benefits of Google Cloud Platform.
6. What is virtualization? List out different types of it. Explain anyone in detail.

Q.3 Attempt any three. (15)

1. Explain Cloud Computing Architecture.
2. List out different types of cloud. Explain public cloud in detail.
3. Explain SaaS model with example.
4. Differentiate GCP and AWS.

Q.4 Answer the following in detail.

- A.** Explain term Risk Management. Write down steps of risk management process. **(05)**
- B. (1)** List out common & essential characteristics of Cloud Computing. Explain any two in detail. **(05)**
- B. (2)** Explain SAN & DAS storage systems. **(05)**

OR

- B. (1)** Explain hybrid cloud in detail. **(05)**
- B. (2)** Explain term file system. Explain any one file system in detail. **(05)**