

Central University of Haryana

Department of Computer Science and Engineering.

Mid Sem-I Branch: CSE (4th year) Subject- Cloud Computing

Time: 01:00 Hours

Note: Attempt any two questions in each part.

MM: 20

Part A	What is cloud computing? Discuss the characteristic of cloud computing as per NIST. Which deployment model is example of private cloud? Describe with an examples: 1) PaaS, 2)SaaS, 3)IaaS Why is reference model used? Define all reference mode in details.	5+5=10
Part B	What is a Hypervisor? Why are type 1 hypervisor better in performance than type 2 hypervisors? Why do we need virtualization in cloud? Difference between full virtualization, para-virtualization, and OS-level virtualization. Write Comparative Analysis of AWS vs Azure vs Google Cloud.	5+5=10

Central University of Haryana
School of Engineering and Technology

Subject Name: Machine Learning

Subject Code: BT CS 701

Max Marks: 10

Time: 1 Hour

Note: Each question carries equal marks. Attempt all the questions.

- Q1. What do you mean by the term **learning**?
- Q2. What is **classification** in Machine Learning?
- Q3. Explain the **Discriminant Function**.
- Q4. How can system estimate the missing values in ML?
- Q5. Write a short note on **Principal Component Analysis**.

Department of CSE, SOET, CUH Mahendragarh
Mid Term (Sessional -1) B.Tech-7th SEM, 2023, Software Testing (BT CS 722)

Time: 1 Hour

M.M: 20

Roll No. _____

	Marks
Attempt any 2 Questions.	
Q1. What are the attributes of good test cases?	10
Q2. Explain the seven principles of software testing.	10
Q3. Write the different approaches for Regression Test Case Selection.	10