

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2022

B.Tech- V Semester (CS/IT)

COURSE CODE (CREDITS): 20B1WCI532(3)

MAX. MARKS: 15

COURSE NAME: Cloud Computing : Concepts, Technology and Architecture

COURSE INSTRUCTORS: Dr Rajni Mohana / Mr. Arvind

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. Analyze the impact of shared resources and Multi-Tenancy on cloud app [CO1]

[2 Marks]

Q2. What are the fundamental requirements for cloud application architecture? [CO2]

[2 Marks]

Q3. Whether the following services a SaaS, PaaS, or IaaS? Justify your answer with proper reasoning. [CO1,CO2]

[3 Marks]

i. HackerRank

ii. Netflix

Q4. Write the examples of the following: [CO1, CO2]

[2 Marks]

i. Government provided cloud computing platform

ii. Large scale private cloud service providers and the services they provide

Q5. What do you understand by Cloud orchestration? How it is helpful in cloud computing process. [CO2]

[3 Marks]

Q6. How the various deployment models of Cloud-Computing are helpful to the users. [CO2]

[3 Marks]