

National Forensic Sciences University
School of Cyber Security and Digital Forensics

Course Name: M.Tech. Cyber Security (Batch: 2022-24)

Semester - II

Subject Code: CTMTCS SII P5 EL6

Time: 11.00 am to 12.30 pm

Subject Name: Cloud Security and Forensics

Exam: Mid Semester Examination (April - 2023)

Date: 21-04-2023

Q1. Answer the following questions (Attempt any Six)

[48 Marks]

- 1) What is virtualization? Discuss Full Virtualization in detail. ✓
- 2) Which services are provided by the PaaS provider? Discuss Types of PaaS. ✓
- 3) What are cloud deployment models used for? Discuss in detail different cloud deployment models.
- 4) Discuss the Difference between following:
 - i. BMaaS vs IaaS
 - ii. Docker vs Hypervisor
- 5) What is SLA? Discuss briefly types of SLA. List out and discuss any Five key components of SLA. *Service Level Agreement*
- 6) Discuss different memory management techniques to optimize virtual memory of Hypervisor.
- 7) What is Cloud Accountability? Discuss possible solutions to achieve accountability in the cloud

Q2. Answer the following questions

[2 Marks]

- ✓ List out and briefly discuss different types of storage method for cloud services.

→ Block file bucket

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