National Institute of Technology, Delhi
Name of the Examination: Mid Semester Examination(Autumn Semester 2021)

Branch: CSE   **Semester   :3rd**

Title of the Course: Cloud Computing   **Course Code: CSL530**

Time:1Hours   **Maximum Marks:20**

Note:

Questions 1 to 6 carry 1 mark each. Questions 7 to 13 carry 1.5 marks each.

Q1. Write a short note on the private cloud.

Q2. Write down the difference between HDFS and file storage.

Q3 Mention the difference between elasticity and scalability in cloud computing?

Q4 What are the essential points that need to be considered before deploying cloud computing.

Q5 Mention the different components of cloud computing infrastructure.

Q6 What is the need for Hadoop Architecture? Explain it in your own words.

Q7 What are the pros and cons in comparison to the public vs hybrid cloud?

Q8 What is the difference between cloud and traditional datacenters?

Q9 How would you secure data for transport in the cloud?

Q10 Write down the difference between block storage and object storage.

Q11 How do the IOT devices work? Explain it in your words.

Q12 Write down the difference between service-oriented architecture and event-driven architecture.

Q13 Mention the 6 layers and 2 additional points for Google data center security.

Q14 What are the challenges in cloud computing?