NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
END SEMESTER EXAMINATION - JAN. 2020 SESSION

DEPARTMENT   : Computer Science and Engineering

DATE OF EXAM   : Dec 08, 2021   TIME: 12:00

SUB CODE   : CSPE 56   DURATION: 2 Hrs.

FACULTY NAME   : Dr. Sayantan Nath

SET – 2

Answer any FIVE (5 × 6)

1. Explain any scheduling structure for cloud computing. What is Virtual Time in cloud?
2. Elaborate the parallel data system in cloud? Discuss its merits and demerits.
3. Discuss about Google File System (GFS). Write its advantages.
4. Explain about the Energy efficiency in could-computing. What are common between grids and clouds?
5. How virtualization can be implemented in the multi-core cloud processors? Write what is Google File System?
6. Write a Short note (any ONE):
   a. Inter-operability
   b. Green cloud

Note to Student:

1. **Make sure the 'Declaration and statement of authorship' is uploaded along with the answer sheet as cover sheet (First Sheet)**
2. **TIME MANAGEMENT IS YOUR RESPONSIBILITY**