

2025

M.Sc. 1st Semester Examination

COMPUTER SCIENCE

Paper : COSE404A8

(Cloud Computing Lab)

(Practical)

Full Marks : 15

Time : One Hour

The figures in the margin indicate full marks.

Answer any *one* question : 10×1=10

(Choose the question on the lottery basis)

1. Install Virtualbox/VMware Workstation with different flavors of OS(windows/Linux) on top of Windows.
2. Install Hadoop single node cluster and run simple applications like wordcount.

3. Install Google App Engine. Create hello world app and other simple web applications using Python/Java.
4. Use the GAE launcher to launch the web applications.
5. Simulate a cloud scenario using CloudSim and run a scheduling algorithm that is not present in CloudSim.
6. Install a C compiler in the virtual machine created using virtual box and execute Simple Programs.
7. Find a procedure to transfer the files from one virtual machine to another virtual machine.
8. Find a procedure to launch virtual machine using trystack (Online Openstack Demo Version).

(3)

9. Install Hadoop single node cluster and run simple applications like wordcount.

Viva-voce : 05 marks
