



Sinhgad Technical Education Society's  
**Sinhgad Institute of Technology & Science,**  
Narhe, Pune  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

## Oral Question Bank

**Department: IT**

**Semester: II**

**Academic Year : 2022-2023**

**Class: TE**

**Div: A**

**Course: LP-II-CC**

**Course faculty: Prof. Shaikh J.N.**

**Assignment No 1: Install Google App Engine. Create hello world app and other simple web applications using python/java.**

**Assignment No 2: Use GAE launcher to launch the web applications.**

What is GAE?

What is the use of Google App Engine?

Is Google App Engine an API?

Is the Google App Engine SaaS or PaaS?

Is Google App Engine open source?

What are the main components of Google App Engine?

What are GAE's key features?

Explain the directory structure for creating web application.

Which interpreters are compatible for GAE

What is Google cloud SDK?

Give the steps for installing Google cloud SDK.

**Assignment No 3: Simulate a cloud scenario using CloudSim and run a scheduling algorithm that is not present in CloudSim.**

What is cloudSim?

What is the purpose of using CloudSim?

Give the benefits of using CloudSim.

Explain CloudSim Architecture.

Give the different components of CloudSim.

Explain SJF algorithm.

Give the Installation of CloudSim and creation of simulation environment

List the procedure to Simulate a cloud scenario using CloudSim and run a scheduling algorithm that is not present in CloudSim.

**Assignment No 4: Find a procedure to transfer the files from one virtual machine to another virtual machine**

What is Virtual Machine?

How we can install Virtual Machine?
Which virtual machines you have used for file transfer?
What is NAT network?
How to Create a NAT network?
.What is the use of "net-tools" command?
How we can check i/p address of Virtual Machine?
Which command is used to transfer a file?
List the procedure to transfer a file from one virtual machine to another.
<b>Assignment No 5: Find a procedure to launch virtual machine using trystack (Online Openstack Demo Version)</b>
<b>Assignment No 6: Design and deploy a web application in a PaaS environment.</b>
Define Virtual Machine.
Give advantages of VM.
What is PaaS environment?
Give example of PaaS.
What is TryStack?
What is EC2 in AWS.
Give the procedure for creating the instance of EC2 in AWS.
How to monitor Your EC2 instance?
How to create a group and add user in AWS?
How to create S3 bucket?
<b>Assignment No 7: Design and develop custom Application (Mini Project) using Salesforce Cloud.</b>
Is salesforce SaaS ?
What salesforce is known for?
What is Salesforce Lightning Experience?
Give the steps for creating custom Application.
What is the benefit of Salesforce CRM?

What are custom objects in Salesforce?
Define object relationships in Salesforce.
List various object relations in Salesforce.
<b>Assignment No 8: Design an Assignment to retrieve, verify, and store user credentials using Firebase Authentication, the Google App Engine standard environment, and Google Cloud Data store.</b>
What is Firebase
Give key features of Firebase.
Give the steps to store user credentials using firebase.
Which method is used to Sign-in the user in Firebase Email/Password authentication?
What are the supported browsers for accessing Firebase Console?