**Slip Test -1**

CSE4001-Module -1

Part-A

1. **What are the components of cloud?**

Front End platforms (thin, thick, mobile devices), Backend (servers & storages), service models, deployment models, networks (inter, intra)

1. **What are the  [Five Essential Characteristics of Cloud Computing ?](https://www.linkedin.com/pulse/five-essential-characteristics-cloud-computing-sankar-somepalle)**

On demand service, elasticity, broad network access, resource pooling, measured services

1. **Mention platforms which are used for large-scale cloud computing? –Apache Hadoop**
2. **Mention the top cloud general purpose apps nowadays.**

Google Docs, pixlr, phoenix, jaycut

**5.  For a transport in cloud how you can secure your data?**

To secure your data while transporting them from one place to another, check that there is no leak with the encryption key implemented with the data you are sending.

**6. What are the security aspects provided with cloud?**

a)      **Identity management:** It authorizes the application services

b)      **Access control:** permission has to be provided to the users so that they can control the access of another user who is entering into the cloud environment.

c)    **Authentication and Authorization:** Allows only the authorized and authenticated user only to access the data and applications

7. **Before going for cloud computing platform what are the essential things to be taken in concern by users?**

a)      Compliance

b)      Loss of data

c)       Data storage

d)      Business continuity

e)      Uptime

f)       Data integrity in cloud computing

8. **Mention some open source cloud computing platform databases?**

The open source cloud computing platform databases are

a)      MongoDB

b)      CouchDB

c)       LucidDB

9. **Mention the name of some large cloud providers and databases?**

a)      Google bigtable

b)      Amazon simpleDB

c)       Cloud based SQL

10. **Explain the difference between cloud and traditional datacenters?**

a)      The cost of the traditional data center is higher due to heating  and hardware/software issues

b)      Cloud gets scaled when the demand increases.  Majority of the expenses are spent on the maintenance of the data centers,  while that is not the case with cloud computing