Cloud Computing

PART A

I.   Answer *all* questions in one word or one sentence.

1. ----------- is the software that provides the environment in which the VMs operate

2. ----------- is the key technology behind Cloud Computing

3. List any two types of Virtualization

4. List any two advantages of network virtualization

5. List any two tools used for Application Virtualization

6. List any two benefits of cloud computing

7. List any two vendors of cloud computing

8. List any two Cloud service models

9. List any two Cloud deployment models

9*1=9Marks

PART B

II.   Answer any *eight* questions from the following. Each question carries 3 marks.

1. What is Type – II Hypervisor

2. Define Server, Desktop and Application Virtualization

3. What is Type – I Hypervisor

4. Define Virtual Machine

5. What is Virtual LAN.

6. List any threeneeds of Cloud Computing

7. List any three benefits of Cloud Computing

8. Show the cloud computing architecture

9. What is SaaS

10. What is Hybrid Cloud

8*3 = 24 Marks

PART C

Answer **ALL** questions. Each question carries 7 marks.

III.   Compare Type 1 and Type 2 Hypervisors

OR

IV.   Explain types of Virtualization

V.   Write a short note on VM migration services

OR

VI.   Compare the techniques used for desktop virtualization

VII. Summarize the cloud architecture on the basis of Hypervisor installed

OR

VIII. Summarize the limitations of cloud computing

IX.   Write a short note on Cloud Datacentre core elements

OR

X.   Compare Private Cloud and Public Cloud

XI.   Explain VM Clones, Templates and Snapshots

OR

XII. Explain Advantages and Limitations of Application Virtualization

XIII. Explain PaaS and IaaS

OR

XIV. Summarize Public, Private, Community and Hybrid Clouds.

6*7 = 42 Marks