

**Time: 3 Hours**

**Marks: 80**

Question No 1 is compulsory.

Attempt any three questions from remaining.

Assume suitable data if necessary.

Draw neat, labeled diagrams wherever needed

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|---|----|
| Q 1 a) State advantages and disadvantages of cloud          | 10 |
| b) What is Virtualization?                                  | 10 |
| Q 2. a) Explain Google file System in detail.               | 10 |
| b) What is an EC2 Instance? How to create one.              | 10 |
| Q 3 a) What is Openstack?                                   | 10 |
| b) Compare the Type 1 and Type 2 hypervisors                | 10 |
| Q 4 a) What is AWS S3?                                      | 10 |
| b) Explain the cloud deployment Model                       | 10 |
| Q 5 a) Explain the VPC in AWS.                              | 10 |
| b) List and explain the use cases for Platform as a service | 10 |
| Q. 6 Write Short Note on <b>(any four)</b>                  | 20 |
| a) IAM  |    |
| b) Process Virtualization                                   |    |
| c) Xen Server   |    |
| d) Cloud cube Model   |    |
| e) EBS  |    |

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