

(3 Hours)

Total Marks : 80

**Note :** 1) Question no. 1 is compulsory.2) Attempt **any three** from remaining five questions.

3) Assume suitable data, if necessary.



- |       |  |    |
|-------|--|----|
| 1. a. | What are advantages and limitations of Cloud Computing?  | 5  |
| b.    | What are the levels used for virtualization?   | 5  |
| c.    | Differentiate between cloud and traditional application Architecture?  | 5  |
| d.    | What are the factors for successful cloud deployment?  | 5  |
| 2. a. | Explain different OPEN STACK cloud services with architecture  | 10 |
| b.    | Explain the architecture and features of EBS.  | 10 |
| 3. a. | What is virtualization? Explain any one virtualization software architecture.                                  | 10 |
| b.    | Explain cloud based service delivery and deployment models with example  | 10 |
| 4. a. | Explain different risks and mitigation techniques associated with cloud?                                       | 10 |
| b.    | What are public cloud adoption phases for SMBs? What are cloud vendor roles and responsibilities towards SMBs? | 10 |
| 5. a. | Explain challenges faced in cloud for data storage?  | 10 |
| b.    | Explain AAA model in detail along with its industry implementation?  | 10 |
| 6.    | Write a note on  | 20 |
|       | 1. CSB   |    |
|       | 2. CSG   |    |
|       | 3. GAE   |    |
|       | 4. GFS   |    |