



| | | | |
|--------------------------------------------------|-------------------------------------------------------|--------------------------------|-----------------|
| SLOT : E2+TE2 | | | |
| School of Information Technology and Engineering | | | |
| Winter Semester 2022-2023 | | Continuous Assessment Test – I | |
| Programme Name & Branch | | M.C.A & Computer Application | |
| Course Code: | ITA6009 | Course Title: | Cloud Computing |
| Class Number(s) | VL2022230500276, VL2022230500300, VL2022230500534 | | |
| Faculty Name(s) | Benjula Anbu Malar M B, Krishnamoorthy N, Arunkumar A | | |

Exam Duration: 90 Min.

Maximum Marks: 50

General instruction(s):

| Q.No. | Question | Max Marks |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1. | ABC curriculum and courseware have an excellent reputation among the educators and students. The company have strong development and operational teams supporting the products. Its sales organization and departments knows as soon as prospects get their hands on the product they want it. a) Suggest a suitable cloud service for the given scenario? Define the service and give the characteristics (4 marks) b) Identify the suitable cloud deployment model and give its benefits (4 marks). c) Justify your answer (2 marks). | 10 |
| 2. | Elucidate on the storage virtualization in an educational sector. List the various services in the storage virtualization with a neat diagram. | 10 |
| 3. | Elaborate in detail the NIST cloud computing architecture with a neat diagram. | 10 |
| 4. | a) Large and small scale business sees the increase the productivity in the cloud. What are the business benefits involved in the cloud architecture b) What are the essential things to be taken in concern by users before migrating to cloud computing environment platform? | 10 |
| 5. | Identify cloud actor that manages the use, performance and delivery of cloud services, and negotiates relationships between cloud providers and cloud consumers. Explicate with a neat a diagram and with suitable scenario. | 10 |