

DEERWALK INSTITUTE OF TECHNOLOGY**MID TERM EXAMINATION, SEM VII****SUBJECT****CACS - 402 CLOUD COMPUTING****PASS MARK****16****FULL MARK****40****TIME****2 HRS****DATE****20th September, 2022****INSTRUCTIONS**

Students should be seated in the examination hall 10 minutes prior to the conduction of examination.

Fill in the required details carefully on the front page of the answer sheet.

Do not scribble on the question paper.

Addition answer sheets should be safely stapled in order.

Malpractice observed during the examination will lead to an expulsion.

Raise your hand towards Invigilator in case you need any assistance during the examination.

Good luck and all the best.

Attempt All Questions [1X5 = 5]

1. Which of the following is not a characteristic of cloud computing?
 - a. Broad Network Access
 - b. Rapid Elasticity
 - c. Higher Values
 - d. Measured Service
2. Which of the following is not a cloud service model?
 - a. Software as a Service
 - b. Hybrid cloud as a Service
 - c. Platform as a Service
 - d. Infrastructure as a Service
3. Which one of the following cloud concepts is related to sharing and pooling the resources?
 - a. Polymorphism
 - b. Virtualization
 - c. Abstraction
 - d. None of the mentioned
4. According to the CIA Triad, which of the below-mentioned element is not considered in the triad?
 - a. Confidentiality
 - b. Integrity
 - c. Authenticity
 - d. Availability
5. Which of the following is not a MapReduce framework operation?
 - a. Map
 - b. Join
 - c. Reduce
 - d. Shuffle

Attempt Any Five Questions [5X5 = 25]

1. Describe the cloud and dynamic infrastructure.
2. What are the benefits and challenges of cloud computing?
3. How does SOA help to design and implement cloud computing services?
4. Describe different types of virtualizations.
5. Describe implementation levels of virtualization structures.
6. What are map-reduce infrastructures?
7. What is hypervisor management software? Describe.

Attempt Any One Question [1X10 = 10]

1. Describe Map-reduce model in details.
2. Describe Cloud Computing Architecture in details.

