

GANPAT UNIVERSITY**M. TECH. SEM: II COMPUTER ENGINEERING/INFORMATION TECHNOLOGY
CBCS REGULAR EXAMINATION APRIL-JUNE 2017
3CE203/ 3IT203: CLOUD COMPUTING****TIME: 3 HRS****TOTAL MARKS: 60**

- Instructions:**
1. Attempt all questions.
 2. Figures to the right indicate full marks.
 3. Each section should be written in a separate answer book.
 4. Assume necessary data when needed.

SECTION – I

- Q.1**
- (A) Explain Web Service Stack in detail. (5)
 - (B) Differentiate IaaS and PaaS. (2)
 - (C) Differentiate Grid and Cloud Computing. (3)

OR

- Q.1**
- (A) Explain in detail Full Virtualization and Para Virtualization. (5)
 - (B) Differentiate SaaS and PaaS. (2)
 - (C) Differentiate Peer to Peer Computing and Cluster Computing. (3)

- Q.2**
- (A) Discuss characteristics of cloud computing. (5)
 - (B) Discuss virtual machine life-cycle. (5)

OR

- Q.2**
- (A) What is Hypervisor? Differentiate Type1 and Type2 Hypervisor. (5)
 - (B) Explain SaaS model by Forrester Research. (5)
- Q.3**
- (A) Define monitoring and explain its types in Cloud Computing environment. (3)
 - (B) Differentiate between Hot and Cold migration. (3)
 - (C) Explain different PaaS implementations categories. (4)

SECTION – II

- Q.4** (A) What are the cloud security challenges? (7)
(B) List out and explain properties of cloud monitoring. (3)

OR

- Q.4** (A) Explain about Disaster recovery planning in cloud computing. (7)
(B) What is Virtual Computing? What does Virtual machine provide? (3)

- Q.5** (A) Explain the types of pricing models are used in cloud Pricing process. (5)
(B) Discuss basic IaaS Characteristics. (5)

OR

- Q.5** (A) Explain different deployment models of cloud. (5)
(B) Explain life cycle of SLA. (5)

- Q.6** (A) What is eyeOS? Explain functionalities of eyeOS. (5)
(B) Explain Aneka in brief. (5)

-----**END OF PAPER**-----