

**S.Y. B. SC. (Computer Science) SEM –IV (CBCS - 2016 COURSE) :**  
**WINTER - 2018**

**SUBJECT: CLOUD COMPUTING - II**

Day : Wednesday  
Date : 24/10/2018

**W-2018-0926**

Time: 03.00 PM TO 06.00 PM  
Max. Marks: 60

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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**Q.1** Answer any **TWO** of the following: **(12)**

- a) Describe the storage system architecture in detail.
- b) Elaborate various key security terminologies in cloud computing.
- c) Explain the characteristics of virtualized environment.

**Q.2** Answer any **TWO** of the following: **(12)**

- a) Discuss any two business applications of cloud.
- b) What is grid computing? Explain in detail.
- c) Explain platform as a service.

**Q.3** Answer any **TWO** of the following: **(12)**

- a) Differentiate between managed and unmanaged cloud storage.
- b) Elaborate the architecture of mobile cloud computing.
- c) What is hypervisor? Explain in detail.

**Q.4** Answer any **THREE** of the following: **(12)**

- a) Discuss various types of service models.
- b) Explain public cloud model in brief.
- c) What is paravirtualisation? Explain.
- d) Explain the concept of Human computer Interaction.

**Q.5** Answer any **FOUR** of the following: **(12)**

- a) Explain the concept of big data.
- b) Explain congestion in mobile communication.
- c) What is community cloud?
- d) Write in brief about VDC.
- e) Discuss the disadvantages of private cloud model.
- f) How to secure data in cloud?

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