

**S.Y. B. SC. (COMPUTER SCIENCE) SEM –IV (CBCS - 2016
COURSE) : SUMMER - 2018
SUBJECT: CLOUD COMPUTING - II**

Day : **Friday**
Date : **27/04/2018**

S-2018-0825

Time: **11.00 A.M. TO 02.00 PM**
Max. Marks: 60

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) Elaborate the architecture of mobile cloud computing.
- b) What is cloud? Also explain concept of cloud computing.
- c) Explain virtual Data Centre Architecture.

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

- a) Explain software as a service.
- b) Elaborate the concept of emulation virtualization in detail.
- c) State the characteristics of cloud computing.

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

- a) Discuss any two entertainment applications of cloud.
- b) What is meant by utility computing? Explain with diagram.
- c) Explain private cloud model with suitable diagram.

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

- a) Discuss various challenges in cloud computing.
- b) Write a note on human computer interaction.
- c) What is full virtualization?
- d) Write a note on role of cloud in social applications.

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

- a) Give advantages of virtualization.
- b) How to secure network in cloud?
- c) What is community cloud?
- d) What are the risks?
- e) What are infrastructure requirements for advance cloud computing?
- f) Explain congestion in cloud communication.

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