

**S.Y. B. SC. (Computer Science) SEM –IV (CBCS - 2016 COURSE) :
SUMMER - 2019**

SUBJECT: CLOUD COMPUTING - II

Day : Thursday
Date : 25/04/2019

S-2019-1102

Time: 11.00 AM 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) What is virtualization? Explain characteristics of Virtualization.
- b) What do you understand by cloud? What are challenges of cloud computing?
- c) What is Data Security? What are the different technologies used for Data Security?

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

- a) Elaborate service oriented architecture of cloud.
- b) Differentiate between public cloud and private cloud.
- c) Explain grid computing. What is paravirtualisation ?

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

- a) What is meant by unmanaged cloud storage?
- b) Discuss various security boundaries in cloud computing.
- c) What is mobile cloud computing? Explain.

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

- a) State benefits of cloud computing.
- b) Elaborate cloud computing infrastructure with suitable diagram.
- c) Write a note on human computer interaction.
- d) Discuss any two social applications of cloud.

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

- a) Explain disadvantages of virtualization.
- b) Explain the concept of Big data.
- c) Discuss various storage devices used in cloud.
- d) What are infrastructural requirements for advanced cloud computing?
- e) How to avoid congestion in mobile communication?
- f) Explain Network as service.

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