

**S-Y. B. SC. (COMPUTER SCIENCE) SEM -III (CBCS - 2016  
COURSE) : SUMMER - 2018  
SUBJECT: 1) CLOUD COMPUTING-I**

Day : **Monday**  
Date : **30/04/2018**

**S-2018-0816**

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) Neat diagrams must be drawn **WHEREVER** necessary.
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**Q.1** Answer any **TWO** of the following: **(12)**

- a) Describe development of cloud computing.
- b) Write a case study on platform-as-a service.
- c) Describe private model of cloud computing deployment.

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

- a) Write a note on network as a service.
- b) Describe various risks related to cloud computing.
- c) Explain software as a service with proper example.

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

- a) Define cloud computing. Explain characteristics of cloud computing.
- b) Illustrate hybrid cloud model with an example.
- c) Describe service oriented architecture used in cloud computing technologies.

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

- a) Illustrate infrastructure as a service in cloud computing.
- b) Describe the various advantages of cloud computing.
- c) Write a note on grid computing.
- d) Illustrate the implementation of cloud in IT Industry.

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

- a) Write a note on public cloud model.
- b) Explain virtualization used in cloud computing.
- c) Write building blocks of cloud computing.
- d) Describe types of security threats that occur in the Internet with an example.
- e) Explain utility computing in brief.
- f) Explain community model in cloud computing.

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