

**S.Y. B. SC. (Computer Science) SEM –III (CBCS - 2016 COURSE) :**  
**WINTER - 2018**  
**SUBJECT: CLOUD COMPUTING - I**

Day: Friday  
Date: 26/10/2018

**W-2018-0918**

Time: 11.00 AM TO 02.00 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 diagram must be drawn **WHEREVER** necessary.
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**Q.1** Answer **ANY TWO** of the following: **(12)**

- a) Describe the development of cloud computing.
- b) Explain the service oriented architecture in cloud computing technology.
- c) Illustrate the security challenges in cloud computing.

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

- a) Write a note on Hybrid model.
- b) Describe the various characteristics of cloud computing.
- c) Explain platform-as-a-service in cloud deployment.

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

- a) Write a note on community model.
- b) Illustrate software-as-a-service with suitable example.
- c) Illustrate Grid Computing.

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

- a) Explain public cloud model for deployment.
- b) Write a note on network-as-a-service.
- c) Describe the cloud computing architecture.
- d) Explain different types of network.

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

- a) Write the concept of virtualization in cloud computing.
- b) How to implement infrastructure-as-a-service in cloud service model?
- c) Write the advantages of cloud computing.
- d) Explain private cloud model.
- e) Explain utility model.
- f) Define cloud computing. Write different applications of cloud.

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