

FACULTY OF INFORMATICS

B.E. 4/4 (I.T.) II - Semester (Main) Examination, May / June 2015

Subject : Cloud Computing

Time : 3 Hours

Max. Marks: 75

Note: Answer all questions of Part - A and answer any five questions from Part-B.

PART – A (25 Marks)

- 1 Describe benefits of using a cloud model. (2)
- 2 Explain how a common protocol is established for this internet. (3)
- 3 Describe advantages of communication as a service (Cass). (2)
- 4 Explain basic approach to a data center based service oriented architectures. (3)
- 5 Write down the steps for the 7-zip archive tool. (3)
- 6 Describe how encrypted federation differs from trusted federation. (2)
- 7 Explain standards for messaging. (3)
- 8 Describe hyper text transfer protocol. (2)
- 9 What are the mobile operating systems for smart phones? (2)
- 10 Explain vector processing. (3)

PART – B (50 Marks)

- 11 (a) Describe internet software evolution. (5)
(b) Explain server virtualization. (5)
- 12 (a) Describe communication as a service (Caas). (5)
(b) What are the layered components of infrastructure as a service (IaaS)? (5)
- 13 (a) Explain the evolution from the MSP model to cloud computing. (5)
(b) What is the basic approach to a data center based SOA? (5)
- 14 (a) Describe Adding a guest OS to Sun xVM virtual Box. (5)
(b) Explain down-loading Free Dos as a guest OS. (5)
- 15 (a) What are the FOUR LEVELS OR FEDRATION? (5)
(b) Describe the interrelation of identify presence and location in the cloud. (5)
- 16 (a) Explain the distributed management task force. (5)
(b) Describe communication HTTP, SIMPLE and xMPP. (5)
- 17 Write short notes on the following:
(a) Google (Android) (4)
(b) Black berry (3)
(c) Windows mobile (3)