



Cairo University
Faculty of Computers and Information



Mid Term Exam

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| Department: Computer Science | |
| Course Name: Selected Topic 1 (Cloud Computing) | Date: 30/8/2016 |
| Course Code: CS495 | Duration: 1 hours |
| Instructor(s): Prof. Fatma Omara | Total Marks: 20 |

Answer The Following Questions

Question 1: Define The Following

[4 marks]

- a. Distributed System
- b. Community Cloud →

[2 marks]

[2 marks]

Question 2: What The Similarities and Differences Between The Following:

[10 marks]

- a. Utility Computing and Cloud Computing
- b. Over provisioning and Under-Provisioning

[5 marks]

[5 marks]

Question 3: Lab.

[6 marks]

- a. Describe briefly three main characteristics of GAE data store? [2 marks]
- b. What is the technology that is used to pass XML objects to REST methods? [2 marks]
- c. -What are the third party providers (that are based on REST) for email service with GAE? [2 marks]

send grid,
mailjet, mailgun

With My Best Wishes
Prof. Fatma Omara