



الفرقة الثالثة والرابعة
الدوسية السابعة
Final Term Exam
Course Name: Selected Topic I (Cloud Computing)
Course Code: CS495
Instructor(s): Prof. Fatma Omara

Date: 18/5/2019
Duration: 2 hours
Total Marks: 60

Answer The Following Questions

Question 1: Complete the following statements

[10 marks]

- 1- The _____ is Cloud concept related to pooling and sharing resources.
a) Polymorphism
b) Abstraction
c) Virtualization
d) none of the mentioned
- 2- The _____ is the best known Cloud service for developers
a) SaaS
b) IaaS
c) PaaS
d) All of the mentioned
- 3- The _____ Cloud infrastructure is operated for the exclusive use of an organization.
a) Public
b) Private
c) Community
d) All of the mentioned
- 4- _____ is one of the unique attribute of Cloud Computing
a) utility type of delivery
b) elasticity
c) low barrier to entry
d) all of the mentioned
- 5- A service that concentrates on hardware follows the _____ as a Service model.
a) IaaS
b) CaaS
c) PaaS
d) All of the mentioned

Question 2: Select the correct answer from the following

[15 marks]

- 1- Which of the following is SaaS characteristic?
 - a) The typical license is subscription-based or usage-based and is billed on a recurring basis
 - b) The software is available over the Internet globally through a browser on demand
 - c) The software and the service are monitored and maintained by the vendor
 - d) All of the mentioned
- 2- Which of the following is most complete cloud computing service model?
 - a) PaaS
 - b) IaaS
 - c) CaaS
 - d) SaaS
- 3- Point out the wrong statement:
 - a) SaaS applications come in all shapes and sizes
 - b) Every computer user is familiar with SaaS systems
 - c) SaaS software is not customizable
 - d) None of the mentioned
- 4- Which of the following can be considered PaaS offering?
 - a) Google Maps
 - b) Gmail
 - c) Google Earth
 - d) All of the mentioned
- 5- Which of the following subject area deals with pay-as-you-go usage model?
 - a) Accounting Management
 - b) Compliance
 - c) Data Privacy
 - d) All of the mentioned

Question 3:

[15 marks]

What are the similarities and differences between the following:

- [1] Virtualization and Emulation
- [2] Cap-Ex and Op-Ex
- [3] Cloudlet Computing and Mobile Edge Computing
- [4] Resource Scheduling and Resource Provisioning
- [5] Tightly Coupled system and Loosely Coupled system

Question 4:

[20 marks]

Discuss the following sentences

- [1] P2P Computing
- [2] Multi-Cloud
- [3] OS-level Virtualization
- [4] SLA
- [5] VM Warm Migration.

*With My Best
Prof. Fatma*