

(6 pages)

Reg. No. :

Code No. : 6824

Sub. Code : KCSE 23

M.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2017.

Second Semester

Computer Science

Elective — CLOUD COMPUTING

(For those who joined in July 2016 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. In Cloud Computing, the sharing and pooling resources by the applications is known as _____
- (a) Mirroring
 - (b) Virtualization
 - (c) Reflection
 - (d) Confidentiality

2. When there is a group of different clouds, then the cloud is called as _____
- (a) Hybrid cloud
 - (b) Public cloud
 - (c) Private cloud
 - (d) Community cloud
3. _____ is the example for SaaS
- (a) Host
 - (b) Web based email
 - (c) hub
 - (d) Firewall
4. An Attacker who is having access to the cloud virtual machine is called as _____
- (a) Data loss
 - (b) Malicious Insiders
 - (c) Insecure API
 - (d) Service Hijacking
5. _____ happens when an Attacker steals a user's cookie.
- (a) Attack
 - (b) CSRF attacks
 - (c) Session riding
 - (d) Session Tracking
6. _____ supports Google App Engine
- (a) PaaS
 - (b) SaaS
 - (c) Both
 - (d) None



7. _____ application runs in Private Cloud and Data center.
- (a) Private cloud (b) Red cloud burst
(c) Red Burst (d) Cloud bursting
8. _____ is implementing a Communication between software application and SOA
- (a) Enterprise Server Bus
(b) Enterprise Service Bus
(c) None
(d) Both.
9. Mobile Cloud Computing can be designed with data security mode for _____
- (a) Service providers and copy righted
(b) Copy righted only
(c) Service provider only
(d) None
10. _____ is a single, cohesive, symbolic platform in cloud computing.
- (a) Zero plat form (b) Second plat form
(c) Third plat form (d) First plat form

PART B — (5 × 5 = 25 marks)

Answer ALL the questions choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write notes on Cloud Computing.
- Or
- (b) Explain various threats in Cloud Computing.
12. (a) Write short notes on types of virtualization.
- Or
- (b) Discuss about the types of attackers.
13. (a) Explain various attacks in cloud computing environment.
- Or
- (b) Discuss about Microsoft Azure.
14. (a) Write down the components of SOA.
- Or
- (b) Write notes on cloud computing in education.
15. (a) Write the role of standards in cloud computing environment.
- Or
- (b) Explain the technologies for MCC.



PART C — (5 × 8 = 40 marks)

Answer ALL the questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Discuss the issues and challenges of Cloud Computing in detail.

Or

- (b) Explain the comparison of Service Model.

17. (a) Discuss about virtualization in Cloud Computing.

Or

- (b) Discuss various Security Issues in Cloud Computing.

18. (a) Discuss in detail about Virtualization system specific attacks.

Or

- (b) Discuss in detail about Web Services.

19. (a) Explain in detail about Service oriented architecture SOA.

Or

- (b) Write detailed notes on migrating applications to the Cloud Computing.

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20. (a) Explain in detail about standards in cloud computing.

Or

- (b) Explain Micro services.

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