

(6 pages)

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Code No. : 6943

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M.C.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2014.

Fifth Semester

Computer Application

CLOUD COMPUTING – Elective

(For those who joined in July 2012 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Which of the following isn't an advantage of cloud?
  - (a) No worries about running out of storage
  - (b) Easier to maintain a cloud network
  - (c) Immediate access to computing resources
  - (d) Paying only for what you use
2. What feature does not belong in a private cloud?
  - (a) Metered billing
  - (b) Self-service portal
  - (c) Dial-home support
  - (d) Rapid elasticity

3. Link the cloud-based service on the left with the desktop or server application it is designed to displace on the right
  - (a) Google Docs 1. Intel servers
  - (b) Salesforce.com 2. Microsoft Office
  - (c) Mozy.com 3. Oracle customer-relationship management
  - (d) Amazon EC2 4. Backup disk
4. Google Apps Engine is a type of \_\_\_\_\_
  - (a) SaaS
  - (b) PaaS
  - (c) IaaS
  - (d) NA
5. Cloud Service consists of \_\_\_\_\_
  - (a) Platform, Software, Infrastructure
  - (b) Software, Hardware, Infrastructure
  - (c) Platform, Hardware, Infrastructure
  - (d) Hardware, Infrastructure, Hardware
6. Which vendor recently launched a cloud-based test and development service for enterprises?
  - (a) HP
  - (b) Cisco
  - (c) IBM
  - (d) Oracle





7. Virtual Machine Ware (VMware) is an example of \_\_\_\_\_

- (a) Infrastructure Service
- (b) Platform Service
- (c) Software Service
- (d) None of the above

8. Amazon Web Services is which type of cloud computing distribution model?

- (a) Software as a Service
- (b) Platform as a Service
- (c) Infrastructure as a Service
- (d) All the above

9. An internal cloud is \_\_\_\_\_

- (a) An overhanging threat
- (b) A career risk for a CIO
- (c) A cloud that sits behind a corporate firewall
- (d) The group of knowledge workers who use a social network for water-cooler gossip

10. Cloud computing embraces many concepts that were previously touted as the next big thing in information technology. Which of these is not an antecedent of the cloud?

- (a) Software as a service
- (b) Utility computing
- (c) Remote hosted services
- (d) Desktop computing

**PART B — (5 × 5 = 25 marks)**

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

Each answer should not exceed 250 words.

11. (a) Write the basics steps in cloud computing.

Or

(b) Discusses about evolution of cloud computing.

12. (a) Write the benefits of cloud computing.

Or

(b) Give the concepts of economics of private clouds.

13. (a) Explain about Relational databases in cloud development.

Or

(b) Write about batch processing using Map Reduce.

14. (a) Give the advantages and disadvantages of Dev 2.0.

Or

(b) How can we track the execution of work in Dev 2.0 plat form?





15. (a) Explain the ecosystem in enterprise cloud computing.

Or

- (b) Write the future of enterprise cloud computing.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) With neat sketch and explain the client server architecture.

Or

- (b) Explain the cloud development models in details.

17. (a) Describe the various types of cloud service development.

Or

- (b) Explain the asynchronous rich interfaces in AJAX.

18. (a) Explain about cloud file systems.

Or

- (b) Describe about Map Reduce models in detail.

Page 5

Code No. : 6943

19. (a) Describe the accounting procedure of Dev 2.0 platforms in a cloud.

Or

- (b) Explain the partners of people and organization in Dev 2.0 platform in cloud.

20. (a) Explain the work of public cloud providers.

Or

- (b) Describe the some of the tools for building private cloud.

Page 6

Code No. : 6943

