K18P 0688

Sixth Semester M.C.A. Degree (Regular/Supplementary/Improvement) Examination, July 2018
(2014 Admission Onwards)
Elective – V
MCA6E17 : CLOUD COMPUTING

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **any ten** questions. **Each** question carries **three** marks.   (10×3=30)

1. List out the various Cloud Computing.

2. What are the goals of cloud computing ?

3. List out the design aspects of the cloud computing.

4. Mention the merits of virtualization.

5. What are the tasks of virtual machine monitor ?

6. Mention the tools used for storage virtualization.

7. What are the significant features of the IaaS in cloud computing ?

8. List three limitations of PaaS.

9. What are the uses of Hadoop ?

10. List the security design issues of cloud computing.

11. Compare and contrast between web clients and mobile clients.

12. What are the design patterns of the cloud computing ?

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SECTION – B

Answer **all** questions. **Each** question carries **ten** marks. (5×10=50)

13. a) List out the components of the cloud computing. Explain any three of them briefly. 10

    OR

    b) Explain briefly benefits and limitations of cloud computing. 10

14. a) Define virtualization, discuss the various categories of virtualization process briefly. 10

    OR

    b) Explain the services and products available for virtualization, explain any two of them briefly. 10

15. a) Describe briefly the architectures of Service Oriented Architecture (SOA) in cloud computing with suitable example. 10

    OR

    b) What are the benefits and limitation of PaaS of cloud computing ? 10

16. a) Explain the cloud based data storage and back devices features and applications briefly. 10

    OR

    b) Explain the goals and applications of Big Data using Hadoop. 10

17. a) With neat diagram explain the various components of client-server distributed architectures briefly. 10

    OR

    b) Describe the significant features of the following technologies in cloud computing : (05+05)
    i) AJAX
    ii) JSON.