

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2064)

14857

MCA 4th Semester Examination

Cloud Computing

MCA-E45

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five questions in all. Question no. 9 in Section E is compulsory. Rest, attempt one question each from each of the Sections A, B, C & D.

SECTION - A

1. What is cloud computing? Explain its characteristics. Discuss various components of cloud computing. (10)

OR

2. Discuss SAAS, PASS and IAAS and compare them. (10)

SECTION - B

3. What is AJAX? Discuss its asynchronous rich interfaces. Also discuss mashup user interface services. (10)

OR

4. What are multitenant softwares? Discuss multischema approach to multitenancy. (10)

SECTION - C

5. Discuss map-Reduce in details. (10)

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OR

6. Discuss issues with (a) intercloud environment (b) QoS in cloud. (10)

SECTION - D

7. What is a micro-architecture? Discuss identity management and access control-identity management. (10)

OR

8. Write down the features and functions of Nimbus and T Platform. (10)

SECTION - E

9. Write brief short notes on the following:
- (a) Cloud service
 - (b) Deployment of service on cloud
 - (c) Utility computing
 - (d) SOAP
 - (e) Sky computing
 - (f) Virtualization
 - (g) QoS on cloud
 - (h) Secure communication in cloud. (8×2.5=20)
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