B.E. Eighth Semester (Computer Technology) (C.B.S.)

Elective - IV : Cloud Computing

P. Pages : 2   Time : Three Hours

KNT/KW/16/7604   Max. Marks : 80

Notes : 1. All questions carry marks as indicated.

2. Solve Question 1 OR Questions No. 2.

3. Solve Question 3 OR Questions No. 4.

4. Solve Question 5 OR Questions No. 6.

5. Solve Question 7 OR Questions No. 8.

6. Solve Question 9 OR Questions No. 10.

7. Solve Question 11 OR Questions No. 12.

8. Assume suitable data whenever necessary.

1. a) What is Cloud Computing? Give Pros. & Cons of cloud computing.   7

b) Write in brief about history of cloud computing.   7

OR

2. a) Compare cloud, cluster & grid computing.   8

 b) Explain the challenges in cloud computing.   6

3. a) Explain the role of network in cloud computing.   6

 b) Differentiate client / server architecture & cloud computing.   7

OR

4. a) Explain the services provided by Cloud Computing.   7

b) List & explain deployment models of cloud.   6

5. a) What do you mean by Big data? Give its classification.   7

 b) Explain how to Configure Hadoop.   6

OR

6. a) Why there is need of MapReduce model? Give its algorithm for job execution.   7

 b) Give the process to start & stop Hadoop.   6

7. a) What are the various security challenges in cloud.   7

 b) Explain the cloud contracting model in detail.   7

OR

8. Write short notes on any three.

  a) Infrastructure Security.   5

  b) Host Level Security.   5

  c) Identify Access Management.   4

  d) Virtual Machine Security.   4

9. a) Draw & Explain the architecture of ADO.NET.   7

 b) Create a web page using ASP.NET.

OR

10. a) Explain how to implement data set.   6

 b) Create a web application using ADO.NET.   7

11. a) Give the steps to create virtual machine using Windows Azure Cloud.   7

    b) Explain how to deploy application to Windows Azure Cloud.   6

                                        OR

12. a) Give the various types of storage services in windows Azure.   7

    b) Explain the table services in Windows Azure.   6

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