

Elective - IV : Cloud Computing

P. Pages : 2

Time : Three Hours



KNT/KW/16/7625

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. Due credit will be given to neatness and adequate dimensions.
 9. Assume suitable data whenever necessary.
 10. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) Discuss various characteristics of cloud computing. **7**
- b) Describe different types of cloud. Explain any two in details. **6**

OR

2. a) Describe in detail NIST model & deployment model. **7**
- b) Explain stacks in cloud computing. **6**
3. a) Write short note on. **6**
 - 1) Software as a service.
 - 2) Identity as a service.
- b) Explain the concept of load Balancing & Virtualization. **7**

OR

4. a) Explain the concept of Hypervisors. **6**
- b) Differentiate between. **7**
 - 1) Salesforce.com vs force.com
 - 2) Saas vs Infrastructure as a service.
5. a) Explain concept of public & private cloud. **7**
- b) Explain how cloud platform is implemented in google web services. **7**

OR

6. a) Which type of cloud services are provided by Amazon web services? 7
b) Explain cloud services provided by Microsoft. 7
7. a) State and explain different approaches for cloud migration. 6
b) Describe in detail various applications in the cloud. 7

OR

8. a) Briefly explain seven steps model of cloud migration. 6
b) Explain role of mobbing in cloud migration. 7
9. a) Explain different security mechanism used in cloud. 6
b) How to secure data stored in cloud. 7

OR

10. a) How to explore cloud back-up solutions? Briefly explain. 6
b) What is mechanism to measure the digital universe? 7
11. a) What are different future trends in cloud computing? 7
b) Write short note on. 7
1) Eucalyptus.
2) Open Nebula.

OR

12. a) List out different cloud computing tools. 7
Explain any one in detail.
b) How to use smart phones with the cloud. 7
