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**Question Paper Code: 57202**

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2018

Seventh Semester

Computer Science Engineering

15UCS702 - INSIGHT INTO CLOUD COMPUTING

(Common to Information Technology)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Cloud computing increases \_\_\_\_\_ by allowing all employees wherever they are to synchronize and work on documents and shared applications simultaneously. CO1- R  
(a) Data Safety      (b) Computing power      (c) Storage Capacity      (d) Collaboration
2. Which of the following is best known service model ? CO2- R  
(a) SaaS      (b) IaaS  
(c) PaaS      (d) All of the mentioned
3. Which business type provides Software as a Service? CO3- R  
(a) Internet Service Provider      (b) Infrastructure Service Provider  
(c) Application Service Provider      (d) Platform Service Provider
4. Using a cloud provider for security services is always: CO4- R  
(a) Cheaper than doing it on-premise      (b) More secure than doing it on-premise  
(c) The right thing to do      (d) It depends

5. In multi cloud , the ability to find the optimal cloud service for a particular business or technical need, increased \_\_\_\_\_ CO5- R
- (a) Redundancy            (b) Security            (c) Cost            (d) All the above

PART – B (5 x3= 15 Marks)

6. List out the types of cloud services. CO1- R
7. Draw the Virtual Machine Life Cycle. CO2- R
8. Define IaaS and SaaS. CO3- R
9. What are the challenges of cloud security. CO4- R
10. Define Multi-cloud management. CO5- R

PART – C (5 x 16= 80Marks)

11. (a) Illustrate the various service models rendered by the cloud with appropriate diagrams. CO1- U (16)
- Or
- (b) Discuss about the various Cloud deployment models and also show the types of cloud based on deployment models. CO1-R (16)
12. (a) Discuss about the distributed management of Virtual infrastructures and also apply the Open Nebula models and manages VMs in a virtual infrastructure. CO2 -App (16)
- Or
- (b) Discuss about the virtual machine migration and analyze the different techniques of VM migration and its process. CO2 -App (16)
13. (a) Discuss about Aneka resource provisioning framework and analyze possible scenario in which the resource provisioning service becomes important. CO3-U (16)
- Or
- (b) Discuss the Map reduce implementations for the cloud and analyze the impacts and its directions. CO3-U (16)

14. (a) Discuss about security issues and challenges in cloud computing. CO4- U (16)

Or

(b) Discuss and compare the various vendors who offering the security measures for the cloud environment. CO4- U (16)

15. (a) Explain the Multi Cloud Management Systems and its benefits and challenges of it. CO5- U (16)

Or

(b) Explain the cloud computing models and services which is suitable for the banking sector with appropriate diagram. CO5- U (16)

