Reg. No. :

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Seventh Semester

Computer Science and Engineering

01UCS703 - CLOUD COMPUTING

(Regulation 2013)

Duration: One hour   Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Which of the following is related to service provided by Cloud?

    (a) Sourcing   (b) Ownership   (c) Reliability   (d) AaaS

2. _____ Cloud is one where the cloud has been organized to serve a common

    function or purpose.

    (a) Public   (b) Private   (c) Community   (d) All of the mentioned

3. Which of the following network resources can be load balanced?

    (a) Connections through intelligent switches   (b)DNS

    (c) Storage resources   (d) All of the mentioned

4. _____ describes a cloud service that can only be accessed by a limited amount of

    people.

    (a) Data center   (b) Private cloud   (c) Virtualization   (d) Public cloud

5. Which of the following is associated with considerable vendor lock-in?

    (a) PaaS   (b) IaaS   (c) CaaS   (d) SaaS

6. Amazon Elastic Compute Cloud is designed as _____ cloud model

    (a) Community cloud   (b) Public cloud

    (c) Private cloud   (d) Hybrid cloud

7. Which of the following services that need to be negotiated in Service Level Agreements?

    (a) Logging   (b) Auditing   (c) Regulatory compliance (d) All of the mentioned

8. Which of the following is operational domain of CSA?

    (a) Scalability   (b) Portability and interoperability

    (c) Flexibility   (d) None of the mentioned

9. _____ computing service in a single heterogeneous architecture

    (a) Multi cloud   (b) System cloud

    (c) Single cloud   (d) All of the mentioned

10. SOA offers a _____ design and reusable components in large deployments.

    (a) Physical   (b) Logical

    (c) External   (d) All of the mentioned

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Enlist and explain various service models and deployment models of cloud computing. (8)

12. Briefly describe about the hardware and infrastructure requirement for cloud computing. (8)

13. Explain the "Map Reduce" model for a words counting programme with a neat diagram. (8)

14. Examine the various key elements in management of security in cloud scenario. (8)

15. Describe the high level architecture of QoS in cloud. (8)