PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BVoc DEGREE EXAMINATION MAY 2022
(Third Semester)
Branch – NETWORKING AND MOBILE APPLICATION
CLOUD COMPUTING

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 1 = 10)

1. The sharing and pooling resources by the applications are called as _____.
    a) Abstraction   b) Virtualization   c) Encapsulation   d) Deployment

2. _____ means same resource or application can be used by several users of same or different organizations.
    a) Resource pooling b) Measure service c) Multi-tenacity d) Rapid elasticity

3. _____ helps the virtual environment to work properly in the situation when any virtual machine collapses.
    a) Partitioning   b) Isolation   c) Encapsulation   d) Virtual memory

4. _____ level virtualization is done by the use of API hooks.
    a) Hardware   b) OS   c) Library   d) Application

5. A technique which uses plaintext and ciphertext concepts is called as _____.
    a) Dependability b) Trustworthiness c) Survivability   d) Encryption

6. _____ is the process of confirming or verifying someone, who claims who he/she is.
    a) Authentication b) Authorization   c) Auditing   d) Accountability

7. Which scaling continuously allows carrying out complex initialization and relies on the state of memory over time?
    a) Manual   b) Basic   c) Remote   d) Automatic

8. Data _____ is the measure to a data or information which is accessible and usable upon request by an authorized user at any particular time.
    a) Security   b) Confidentiality c) Integrity   d) Availability

9. Which one of the following is the benefit of cloud computing?
    a) Agility   b) Cost   c) Flexibility   d) All of these

10. Which field of standardization includes architectures, interfaces and protocols?
    a) Technology   b) Management   c) Legal   d) Consistency

SECTION - B (25 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 5 = 25)

11. a) Bring out the Advantages and Disadvantages of Cloud Computing.
                              OR
    b) Outline about Deployment Models.

12. a) Summarize about the Advantages of Virtualization.
                              OR
    b) Narrate the available Load Balancing Techniques in Cloud Computing.

13. a) State about the Security Challenges in Cloud Computing.
                              OR
    b) Classify about the Types of Attackers in Cloud Computing.

14. a) Narrate on the Languages and Runtimes in Google App Engine.

OR

   b) Explain about Data Confidentiality in Data Security.

15. a) State the importance of Cloud Applications for Small Business.

OR

   b) Organize the Role of Standards in Cloud Computing Environments.

SECTION -C (40 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 8 = 40)

16. a) Elaborate on Cloud Computing Model.

OR

   b) Trace on the Issues and Challenges for Cloud Computing.

17. a) Analyze about Implementation of Virtualization.

OR

   b) Examine about various Virtualization Implementation Techniques avail.

18. a) Survey on Information Security in Cloud Computing.

OR

   b) Discuss about Security, Privacy and Trust in Security Issues and Challenges.

19. a) Summarize about Components and Services in Amazon Web Services.

OR

   b) Examine about the Privacy in Cloud Computing.

20. a) Justify on the use of Cloud Computing in Finance and Banking Services.

OR

   b) Highlight about the importance of Cloud Computing in Education.

Z-Z-Z   END