

Seat No.	
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**T. Y. (B. Tech) (Sem - II) (New) (CBCS) Examination: Oct/Nov-2023**  
**COMPUTER SCIENCE AND ENGINEERING**  
**Cloud Computing (BTN03606)**

Day & Date: Thursday, 21-12-2023  
 Time: 10:00 AM To 01:00 PM

Max. Marks: 70

- Instructions:** 1) Q. No. 1 is compulsory. It should be solved in the first 30 minutes in answer book page no 03 (Starting page of the Answer Book). Each question carries one mark.  
 2) Don't forget to Mention question paper set (P/Q/R/S) on top of page.  
 3) Figures to the right indicates full marks.  
 4) Assume suitable data if necessary.

**MCQ/Objective Type Questions**

Duration: 30 Minutes

Marks:14

**Q.1 Choose the correct alternatives from the options and rewrite the sentence. 14**

- 1) AWS stands for \_\_\_\_\_.  
 a) Amazon Wide Software                      b) Amazon Web Service  
 c) Amazon Web Site                              d) None of the above
- 2) Three service models are defined in cloud computing technology are \_\_\_\_\_.  
 a) SaaS, BaaS, PaaS                              b) SaaS, PaaS, IaaS  
 c) AaaS, PaaS, LaaS                              d) None of the above
- 3) Which of the following is an example of a IaaS Cloud service?  
 a) DigitalOcean                                      b) Linode  
 c) Rackspace    d) All of the above
- 4) \_\_\_\_\_ where a VM can be moved from one physical machine to another even as it continues to execute.  
 a) Load balancing                                  b) Migration  
 c) Live migration                                      d) Server consolidation
- 5) \_\_\_\_\_ provides virtual machines, virtual storage, virtual infrastructure and other hardware assets.  
 a) IaaS    b) SaaS  
 c) PaaS    d) All of the mentioned
- 6) Which of the following is a more sophisticated load balancer?  
 a) Workspace managers                              b) Rack server managers  
 c) Network server managers                              d) Workload managers
- 7) IDaaS stands for?  
 a) ID-as-a-Service                                      b) Identity-as-a-Service  
 c) Intranet-as-a-Service                                      d) Interoperability-as-a-Service
- 8) Which are the three conceptual layers in CometCloud?  
 a) development, application, physical  
 b) infrastructure, dynamic, static  
 c) transport, network, programming  
 d) programming, service, infrastructure

- 9) Which of the following service provider provides the highest level of service?  
a) SaaS b) PaaS  
c) IaaS d) All of the mentioned
- 10) Which of the following are a common means for losing encrypted data?  
a) lose the keys b) lose the encryption standard  
c) lose the account d) all of the mentioned
- 11) Which of the following was one of the weaker aspects of early cloud computing service offerings?  
a) Logging b) Integrity checking  
c) Consistency checking d) None of the mentioned
- 12) Which one of the following statements is false?  
a) Service Level Agreements (SLAs) is a small aspect of cloud computing.  
b) Cloud computing does not have an impact on Software licensing.  
c) Cloud computing present new opportunities to users and developers.  
d) All of the mentioned
- 13) Which of the following model type is not trusted in terms of security?  
a) Public b) Private  
c) Hybrid d) None of the mentioned
- 14) CaaS stands for \_\_\_\_\_ as service.  
a) Compliance b) Computer  
c) Cold d) None of these

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**Set P**

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Day & Date: Thursday, 21-12-2023  
Time: 10:00 AM To 01:00 PM

Max. Marks: 56

- Instructions:** 1) All questions are compulsory.  
2) Figures to the right indicate full marks.  
3) Assume suitable data if necessary.

**Section – I**

- Q.2 Attempt Any Three.** **12**
- a) Write note on desired features of a cloud.
  - b) What is VM Provisioning and Migration in Action?
  - c) With examples explain Infrastructure as a Service Providers.
  - d) What is an identity? Explain with example.
- Q.3 Attempt Any Two** **16**
- a) Explain the concept of seven-step model of migration into a cloud.
  - b) Explain the Virtual Machines Provisioning and Manageability in detail.
  - c) Write a short note on:
    - i) IaaS workloads
    - ii) Pods
    - iii) Aggregation
    - iv) Silos

**Section – II**

- Q.4 Attempt Any Three.** **12**
- a) Describe about the concept of Aneka cloud platform.
  - b) Explain the concept of Aneka hybrid cloud Architecture.
  - c) Describe about the Security mapping in cloud security.
  - d) What are the Data Privacy and Security Issues in cloud computing?
- Q.5 Attempt Any Two.** **16**
- a) Describe about Encryption Auditing and compliance in cloud security.
  - b) Write a note on Commercial and Business Considerations-A Cloud User's Viewpoint.
  - c) Explain Jurisdictional Issues Raised by Virtualization and Data Location in detail.