

- Q.28 Explain the two fundamental functions, identity management and access control, which are required for secure cloud computing.
- Q.29 List various limitations of grid computing.
- Q.30 Differentiate between service model and deployment model.
- Q.31 Explain structured vs. Unstructured P2P networks.
- Q.32 Differentiate between ubiquitous computing and cluster computing.
- Q.33 What is trusted cloud computing.
- Q.34 Explain the services given by private clouds, with the examples of private clouds.
- Q.35 Differentiate between Hybrid and Community Cloud.

Section D

- Note :** Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)
- Q.36 Define virtualization. Explain different types of virtualization techniques.
- Q.37 Explain various characteristics and applications of cloud computing.
- Q.38 List out the ways how cloud vendors are addressing the client challenges. Give examples.

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Comp. Engg. Subject : Distributed Computing

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note : Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 What do you mean by cloud in cloud computing?
- Data exchange among grid modes
 - Provides tools to monitor and distribute the number of licenses.
 - Provides logical view of data.
 - Set of Hardware, software, network, storage, services and interfaces.
- Q.2 _____ delivers IT enabled services via internet that are built for the end user to be in control.
- Mobile computing
 - Cloud computing
 - Grid Computing
 - Green computing
- Q.3 Cloud Services have a _____ relationship with their customers.
- Many-to-Many
 - One-to-Many
 - One-to-one
 - All of above
- Q.4 Which of the following is an advantage of Public Cloud?

- a) Performance depends on speed of internet
 - b) Lacks proper control
 - c) Scalability
 - d) Customization is not possible
- Q.5 Internet cloud or Corporate Cloud is also known as _____.
 a) Community Cloud b) Private Cloud
 c) Scalability of Cloud d) Public Cloud
- Q.6 Which one of the following has single tenancy?
 a) Private Cloud b) Public Cloud
 c) Hybrid Cloud d) None
- Q.7 Which one of the following is cloud service model?
 a) IaaS b) PaaS
 c) SaaS d) All of the above
- Q.8 The most complete service model is _____.
 a) SaaS b) CaaS
 c) PaaS d) IaaS
- Q.9 When the cost of infrastructure and management is _____ cloud computing is a suitable choice
 a) High b) Moderate
 c) Low d) None of the mentioned
- Q.10 In architecture of Cloud computing, what refers to the side of the computer user or client?
 a) Front End b) Back End
 c) Server side d) Client side

Section B

Note: Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 Give one application of cloud computing.
- Q.12 What is meant by grid computing.
- Q.13 Give two examples of cloud computing.
- Q.14 What is meant by interoperability.
- Q.15 Give one example of public cloud.
- Q.16 Give one benefit of PaaS.
- Q.17 Define encryption.
- Q.18 What are cloud service requirements.
- Q.19 Define virtual organization.
- Q.20 Why cloud computing brings new threats.

Section C

Note: Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)

- Q.21 Explain with suitable examples the utility computing.
- Q.22 What is Public Cloud models. Explain.
- Q.23 Write three major features for infrastructure and strategy planning in cloud computing.
- Q.24 Differentiate between cloud and grid computing.
- Q.25 Write a short note on Community cloud.
- Q.26 Explain SaaS model with the help of example.
- Q.27 Mention the applications of grid computing.