

- 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.