

Total No. of Questions : 5]

SEAT No. :

**P6992**

**[5865] - 305**

[Total No. of Pages : 4

**S.Y. M.C.A. (Management Faculty)**

**IT - 35: CLOUD COMPUTING**

**(2020 Pattern) (Semester - III)**

*Time : 2½ Hours]*

*[Max. Marks : 50*

*Instructions to the candidates:*

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

**Q1)** Write correct option or filling the blanks of following questions. (each ½mark)

**[10]**

i) Which one of the following is cloud platform by microsoft?

- |             |                      |
|-------------|----------------------|
| a) Azure    | b) AWS               |
| c) Cloudera | d) None of the above |

ii) Which of the following are the features of cloud computing?

- |                         |                         |
|-------------------------|-------------------------|
| a) Security             | b) Availability         |
| c) Large Network access | d) All of the mentioned |

iii) Which of the following is a type of cloud computing services?

- a) Service-as-a-Software (SaaS)
- b) Software-and-a-Server (SaaS)
- c) Software-as-a-Service (SaaS)
- d) Software-as-a-Server (SaaS)

iv) Who is the father of cloud computing?

- |                     |                     |
|---------------------|---------------------|
| a) Sharon B. Codd   | b) Edgar Frank Codd |
| c) J.C.R. Licklider | d) Charless Bachman |

**P.T.O.**

- v) Which of the following is not a type of cloud server?
- a) public cloud servers
  - b) private cloud servers
  - c) dedicated cloud servers
  - d) merged cloud servers
- vi) Which one of the following cloud concepts is related to sharing and pooling the resources?
- a) Polymorphism
  - b) Virtualization
  - c) Abstraction
  - d) None of the mentioned
- vii) Which of the following is an essential concept related to cloud?
- a) Reliability
  - b) Abstraction
  - c) Productivity
  - d) All of the mentioned
- viii) Which of the following type of virtualization is also characteristic of cloud computing?
- a) Storage
  - b) Application
  - c) CPU
  - d) All of the mentioned
- ix) Which of the following is used to aid for locating services in SOA?
- a) databus
  - b) Catalog service
  - c) Data abstraction services
  - d) All of the mentioned
- x) How many different protocol types are required for message passing in SOA?
- a) 2
  - b) 4
  - c) 1
  - d) 3
- xi) Which is the Need of SOA?
- a) Scalability
  - b) Adaptivity
  - c) Robustness
  - d) None of these
- xii) A \_\_\_\_\_ level Agreement (SLA) is the contract for performance negotiated between you and a service provider.
- a) Application
  - b) Service
  - c) Deployment
  - d) All of the mentioned

- xiii) Combination of cloud computing architecture is \_\_\_\_\_.  
a) service-oriented architecture and grid computing  
b) utility computing and event-driven architecture  
c) virtualization and event-driven architecture  
d) service-oriented architecture and event-driven architecture
- xiv) Broadly divide the cloud architecture into?  
a) 2  
b) 3  
c) 4  
d) 5
- xv) The data used by multiple processor is called \_\_\_\_\_.  
a) Shared data  
b) Protected data  
c) Private data  
d) Public data
- xvi) Which of these is Identity in IAM?  
a) Users  
b) Groups  
c) Roles  
d) All of these
- xvii) IAM group:  
a) Is same as IAM users  
b) Can be used to specify permission for a collection of users  
c) Is truly an identity  
d) All of these
- xviii) Which of the following service provider provides the least amount of built in security?  
a) SaaS  
b) PaaS  
c) IaaS  
d) All of the mentioned
- xix) What are the features of docker?  
a) Easy modelling  
b) Version control  
c) Placement  
d) All of the above
- xx) Identify the component of the docker?  
a) Image  
b) Platform image  
c) Container  
d) All of the above

**Q2)** What are benefit and challenges of cloud computing? Explain the term of SaaS, PaaS & IaaS. [10]

OR

What is cloud computing? Explain in details cluster computing and Grid computing? [10]

**Q3) a)** What is the Virtualization & write the type of Virtualization? [5]

b) Define the Service Oriented Architecture and the concept of SOA. [5]

OR

a) What is Virtual Machine (VM)? Write on open source virtualization manager? [5]

b) Write short note on cloud Governances. [5]

**Q4) a)** Write short note on the Cloud Computing Architecture? [5]

b) Write the data migration in cloud strategies & process? [5]

OR

a) Write the multi-cloud Architecture and its benefit & challenges? [5]

b) What is the concept of cloud Bursting? [5]

**Q5)** Explain the cloud computing privacy and security challenges in details? [10]

OR

Explain in details the identity management & Access control? [10]

