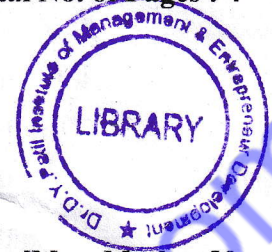Total No. of Questions : 5]

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SEAT No. :

[Total No. of Pages : 4

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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 indicates full marks.

Q1) Attempt all MCQs. **[10]**

a) Which of the following is not a type of cloud server?

   i) Public cloud servers   ii) Private cloud servers

   iii) Dedicated cloud servers   iv) Merged cloud servers

b) What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

   i) Distributed computing   ii) Cloud computing

   iii) Soft computing   iv) Parallel computing

c) Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____ resources to users.

   i) Real   ii) Cloud

   iii) Virtual   iv) None of the mentioned

d) Which one of the following cloud concepts is related to sharing and pooling the resources?

   i) Polymorphism   ii) Virtualization

   iii) Abstraction   iv) None of the Mentioned

e) Which of the following is an essential concept related to cloud?

   i) Reliability   ii) Abstraction

   iii) Productivity   iv) All of the mentioned

P.T.O.

f) The technology used to distribute service requests to resources is referred to as _____

  i) load performing
  ii) load scheduling
  iii) load balancing
  iv) all of the mentioned

g) Which one of the following options can be considered as the cloud?

  i) Hadoop
  ii) Intranet
  iii) Web Applications
  iv) All of the mentioned

h) Which of the following describes a message-passing taxonomy for a component-based architecture that provides services to client upon demand?

  i) SOA
  ii) EBS
  iii) GEC
  iv) All of the mentioned

i) Which of the following is repeatable task within a business process?

  i) Service
  ii) Bus
  iii) Methods
  iv) Process

j) What is cloud computing replacing?

  i) Corporate data centers
  ii) Expensive personal computer hardware
  iii) Expensive software upgrades
  iv) All of the above

k) In this type of cloud, an organization rents cloud services from cloud providers no-demand basis?

  i) Private
  ii) Public
  iii) Protected
  iv) Hybrid

l) Which of these is not a major type of cloud computing usage?

  i) Hardware as a service
  ii) Platform as a service
  iii) Software as a service
  iv) Infrastructure as a service

m) Cloud services have a _____ relationship with their customers.

  i) Many-to-many
  ii) One-to-many
  iii) One-to-One
  iv) One-to-All

n) Which of the following factors might offset the cost of offline access in hybrid application?

  i) Scalability
  ii) Costs
  iii) Ubiquitous access
  iv) All of the mentioned

o) What are Microsoft Hiper-V predecessor called?

    i)   System center virtual machine manager

    ii)   Window server 2008

    iii)   Virtual server 2005

    iv)   Hyper - V

p) APIs and Deployment are second level application attributes in accordance with:

    i)   Application   ii)   Costs

    iii)   Maintenance   iv)   User interface

q) which of the following is a common means for losing encrypted data?

    i)   lose of keys   ii)   lose the encryption standard

    iii)   lose the account   iv)   None of these

r) Which of the following model allows vendor to provide security as part of the Service Level Agreement?

    i)   SaaS   ii)   PaaS

    iii)   IaaS   iv)   None of these

s) Who provide GUI (Graphical User Interface) to interact with the cloud?

    i)   Client   ii)   Application

    iii)   Server   iv)   Client Infrastructure

t) Which of the following characterstics should you consider when deciding whether to deploy on application or service to a virtual machine?

    i)   Hardware Requirement

    ii)   Software support and compatibility

    iii)   Licensing

    iv)   All of the above

Q2) What is cloud computing and write down the characteristics of cloud computing.

        [10]

OR

Explain the advantages and disadvantages of cloud computing in details. **[10]**

Q3) a) What is VM wate? Explain the benifits of virtualization [5]

b) Explain cloud Governance. [5]

OR

a) Explain SOAP Service. [5]

b) Explain vertual machine [5]

Q4) a) What is parallel processing. [5]

b) What is cloud bursting. [5]

OR

a) Explain Applications in the cloud. [5]

b) What is parallel programming. [5]

Q5) Explain cloud computing security challenges. [10]

OR

How can we execute privacy and security incloud? [10]