BRAINWARE UNIVERSITY

ODD Semester Examinations 2021- 22

Programme – Master of Computer Applications - 2020 [MCA]

Course Name – Cloud Computing

Course Code – MCA304B

(Semester III)

Time allotted : 1 Hour 15 Minutes   Full Marks : 60

(Multiple choise type question)   60 x 1 = 60

Choose the correct alternative from the following

(I) How many types of dimensions exists in Cloud Cube Model

A) 1	B) 2
C) 3	D) 4

(II) Which of the following factors should a company consider before implementing cloud services

A) User satisfaction	B) Potential cost reduction
C) Information sensitivity	D) All of these

(III) What is the name of the organization helping to foster security standards for cloud computing

A) Cloud security standards working	B) Cloud security alliance
C) Cloud security watchdog	D) Security in the cloud alliance

(IV) Which of the following is Amazon's technical support and consulting business

A) Amazon Virtual Private Cloud	B) AWS Premium Support
C) Amazon Fulfillment Web Services	D) All of the mentioned

(V) Which of the following cloud storage is mainly meant for developers and to support applications built using Web services

A) Managed	B) Unmanaged
C) Disk	D) All of the mentioned

(VI) Which of the following is built on top of a Hadoop framework using the Elastic Compute Cloud

A) Amazon Elastic MapReduce	B) Amazon Mechanical Turk
C) Amazon DevPay	D) Multi-Factor Authentication

(VII) Which of the following system does not provision storage to most users

A) PaaS	B) IaaS
C) CaaS	D) SaaS

(VIII) Which of the following scenario can be referred to as cloud bursting

A) Part of the application is on a local system, and part is in the cloud	B) Complete part of the application is on local system
C) Complete part of the application is on local system	D) None of the mentioned

(IX) Which one refers to the location and management of the cloud's infrastructure

A) Service	B) Deployment
C) Application	D) None of the mentioned

(X) Point out the correct statement.

A) With EC2, you can launch and run server instances called Amazon Machine Images (AMIs) running different operating systems such as Red Hat Linux	B) A machine image is the software and operating system running on top of the instance
C) A machine image may be thought of as the contents of a boot drive	D) All of the mentioned

(XI) Which of the following is a method for bidding on unused EC2 capacity based on the current spot price

 A) On-Demand Instance   B) Reserved Instances

 C) Spot Instance   D) All of the mentioned

(XII) Which of the following is also referred to edge computing

 A) CloudWave   B) CloudFront

 C) CloudSpot   D) All of the mentioned

(XIII) The technology used to distribute service requests to resources is referred to as which one of the following

 A) Load Performing   B) Load Scheduling

 C) Load Balancing   D) All of the mentioned

(XIV) Which of the following programming languages did Google include for development around App Engine

 A) C++   B) JAVA

 C) SQL   D) Visual Basic

(XV) Which of the following statement is incorrect related to catalog servers

 A) They can be standalone catalog servers serving a single site   B) They cannot serve the role of a global catalog service where two or more catalog servers are merged to include several sites

 C) They can be part of a federated catalog service   D) None of the mentioned

(XVI) Which of the following algorithm is used by Google to determine the importance of a particular page

 A) SVD   B) PageRank

 C) FastMap   D) All of the mentioned

(XVII) Which of the following is the fundamental unit of virtualized client in an IaaS deployment

 A) Workunit   B) Workspace

 C) Workload   D) All of the mentioned

(XVIII) Which of the following is an edge-storage or content-delivery system that caches data in different physical locations

 A) Amazon Relational Database Service   B) Amazon SimpleDB

 C) Amazon Cloudfront   D) Amazon Associates Web Services

(XIX) When you add a software stack, such as an operating system and applications to the service, the model shifts to which model

 A) SaaS   B) PaaS

 C) IaaS   D) All of the mentioned

(XX) Which of the following is the most important area of concern in cloud computing

 A) Security   B) Storage

 C) Scalability   D) All of the mentioned

(XXI) Which of the following is Cloud Platform by Amazon

 A) Azure   B) AWS

 C) Cloudera   D) All of the mentioned

(XXII) Which of the following is best known service model

 A) SaaS   B) IaaS

 C) PaaS   D) All of the mentioned

(XXIII) Which of the following is essential concept related to Cloud

 A) Reliability   B) Productivity

 C) Abstraction   D) All of the mentioned

(XXIV) Which of the following architectural standards is working with cloud computing industry

 A) Service-oriented architecture   B) Standardized Web services

 C) Web-application frameworks   D) All of the mentioned

(XXV) What does different virtual machines correspond to

 A) Same server   B) Separate entities

 C) Same entity   D) None of these

(XXVI) Point out the wrong statement

A) The most basic service that online storage can serve is to provide disk space on demand

B) The user may be able to purchase additional space for paid service

C) S3 is an example of unmanaged cloud storage

D) None of the mentioned

(XXVII) Point out the correct statement

A) Service Level Agreements (SLAs) is small aspect of cloud computing

B) Cloud computing does not have impact on software licensing

C) Cloud computing presents new opportunities to users and developers

D) All of the mentioned

(XXVIII) Based on PageRank algorithm, Google returns what for a query that is parsed for its keywords

A) SEP

B) SAP

C) SERP

D) Business objects build

(XXIX) Which of the following statement is wrong about Amazon S3

A) Amazon S3 is highly reliable

B) Amazon S3 provides large quantities of reliable storage that is highly protected

C) Amazon S3 is highly available

D) None of the mentioned

(XXX) Which of the following can be identified as cloud

A) Web Applications

B) Intranet

C) Hadoop

D) All of the mentioned

(XXXI) Point out the wrong statement

A) Event handling is part of event-driven SOA or SOA 2.0

B) An ESB provides a lower layer for event management with a messaging infrastructure

C) UML is the modeling language of the Object Management Group that provides a method for creating visual models for software

D) None of the mentioned

(XXXII) Which of the following uses an authentication device

A) Amazon Elastic MapReduce

B) Amazon Mechanical Turk

C) Amazon DevPay

D) Multi-Factor Authentication

(XXXIII) Point out the wrong statement

A) The cost of creating an EBS volume is lesser than creating a similarly sized S3 bucket

B) An EBS volume can be used as an instance boot partition

C) EBS boot partitions can be stopped and started, and they offer fast AMI boot times

D) None of the mentioned

(XXXIV) Which of the following can be replaced by cloud

A) Corporate data centers

B) Expensive computer hardware

C) Costly software upgrade

D) All of these

(XXXV) Which of the following is not provided by "Deep Web"

A) Database generated Web pages

B) Private or limited access Web pages

C) Pages without links

D) All of the mentioned

(XXXVI) Which of the following impose additional overhead on clients and offer faster transfer

A) Block storage

B) File Storage

C) File Server

D) All of the mentioned

(XXXVII) Which of the following is wrong statement

A) Internet consumes roughly 1 percent of the world's total power

B) The cost advantages of cloud computing have enabled new software vendors to create productivity applications

C) A client can provision computer resources without the need for interaction with cloud service provider personnel

D) None of the mentioned

(XXXVIII) How many different protocol types are required for message passing in SOA

A) 1

B) 2

C) 3

D) 4

(XXXIX) Point out the wrong statement

A) Amazon Machine Instances are sized at various levels and rented on a computing/hour basis

B) The metrics obtained by CloudWatch may be used to enable a feature called Auto Scaling

C) A number of tools are used to support EC2 services

D) None of the mentioned

(XL)   What is cloud foundry

A) Factory that produces cloud components

B) VMWare-led open source PaaS

C) An industry wide PaaS initiative

D) VMWare-led closed source PaaS

(XLI)   Which feature does not belong to a private cloud

A) Metered billing

B) Self service portal

C) Dial-home support

D) Rapid elasticity

(XLII)   Which is not a major cloud platform

A) Google 101

B) IBM deep blue

C) Microsoft Azure

D) Amazon EC2

(XLIII)   Which of the following is a key cloud service attribute

A) Abstraction

B) Infrastructure

C) User Interface

D) All of the mentioned

(XLIV)   _____ sizing is possible when the system load is cyclical or in some cases when there are predictable bursts or spikes in the load

A) Left

B) Right

C) Top

D) All of the mentioned

(XLV)   Which of the following is a repeatable task within a business process

A) Service

B) Bus

C) Methods

D) All of the mentioned

(XLVI)   Point out the correct statement

A) To determine whether your application will port successfully, you should perform a functionality mapping exercise

B) Cloud computing supports some application features better than others

C) Cloud bursting is an overflow solution that clones the application to the cloud and directs traffic to the cloud during times of high traffic

D) All of the mentioned

(XLVII)   What is the name of the Rackspace cloud service

A) Cloud on demand

B) Cloud servers

C) EC2

D) Google cloud

(XLVIII)   Which model attempts to categorize a cloud network based on four dimensional factors

A) Cloud Square

B) Cloud Service

C) Cloud Cube

D) All of the mentioned

(XLIX)   Point out the correct statement

A) With PaaS, the goal is to create hosted scalable applications that are used in a Software as a Service model

B) Applications built using PaaS tools need to be standards-based

C) In Wolf, the data and transaction management conform to the business rules you create

D) All of the mentioned

(L)   Which of the following can be considered PaaS offering

A) Google Maps

B) Gmail

C) Google Earth

D) All of the mentioned

(LI)   Which of the following cloud concept is related to pooling and sharing of resources

A) Polymorphism

B) Abstraction

C) Virtualization

D) None of the mentioned

(LII)   Find out the wrong statement

A) The massive scale of cloud computing systems was enabled by the popularization of the Internet

B) Soft computing represents a real paradigm shift in the way in which systems are deployed

    C) Cloud computing makes the long-held dream of utility
computing possible with a pay-as-you-go, infinitely scalable,   D) All of the mentioned
universally available system

(LIII) An application that provides for transaction overflow in a reservation system is an example of which of the following

    A) Cloud servicing   B) Cloud bursting

    C) Cloud provisioning   D) All of the mentioned

(LIV) Which of the following enables batch processing, which greatly speeds up high-processing applications

    A) Scalability   B) Reliability

    C) Elasticity   D) Utility

(LV) Point out the wrong statement

    A) SaaS applications come in all shapes and sizes   B) Every computer user is familiar with SaaS systems

    C) SaaS software is not customizable   D) None of the mentioned

(LVI) Which of the following file transfer utility creates a shared folder metaphor using a Web service

    A) Dropbox   B) Skype

    C) Drive   D) All of the mentioned

(LVII) Which one is a cloud computing service model in which hardware is virtualized in the cloud

    A) IaaS   B) CaaS

    C) PaaS   D) None of the mentioned

(LVIII) Point out the correct statement

    A) Service Oriented Architecture (SOA) describes a standard   B) SOA provides the translation and management layer in an
method for requesting services from distributed components   architecture that removes the barrier for a client obtaining desired
and managing the results   services

    C) With SOA, clients and components can be written in   D) All of the mentioned
different languages and can use multiple messaging protocols

(LIX) Which of the following combinations is possible in WebSphere ESB

    A) XML/JMS   B) SOAP/JMS

    C) SOAP/HTTP   D) Governance

(LX) Point out the correct statement

    A) Cloud storage may be broadly categorized into four major   B) In unmanaged storage, the storage service provider makes storage
classes of storage   capacity available to users

    C) In managed storage, the storage service provider makes   D) All of the mentioned
storage capacity available to users