SAMPLE MCQ-Cloud Computing (TYBSC-CS)

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1. _____is a collection of independent computers that appears to its users as a single coherent system.

a) Parallel System

b) Distributed System

c) Parallel-Distributed System

d) Serial System

2. _____is not a major milestone led to cloud computing.

a) Mainframe Computing

b) Cluster Computing

c) Distributed Computing

d) Grid Computing

3. Which statement is true about cloud computing and cluster computing?

a) A cloud computing environment can be deployed in a cluster computing environment.

b) A cloud computing environment cannot be deployed without a cluster computing environment.

c) A cluster computing environment can be deployed in a cloud computing environment.

d.) A cluster computing environment cannot be deployed without a cloud computing environment.

4. What is a grid computing?

a) It is parallel and distributed computing where computer infrastructure is offered as a service.

b) It is parallel computing where autonomous computers act together to perform very large task.

c) It is distributed computing where autonomous computers perform independent task.

d) It is interconnected computing where a computing platform is delivered to consumers.

5. An operating system running on a Type _____ VM is full virtualization.

a) 1

b) 2

c) 3

d) 4

6. Web 2.0 means users create the content for a website. Social interaction is involved too.

a) Cussing at someone because you dont like their post is cool.

b) Commenting on someone video is an example of socializing.

c) Cnn, foxnews.com, espn, and nascar are example of web 2.0

d) Web 2.0 will solve all the education systems problems.

7. When the term web 2.0 become popular.

a) 1994

b) 2008

c) 2004

d) 1990

8. What is the key characteristic of web 2.0?

a) Better Design

b) Better Sound

c) User generated content

d) Sharing and Openness

9. What web 2.0 tool is best for collaboration?

a) Blogs

c) Podcasts

c) Wikis

d) Glogs

10. Who invented the term web 2.0?

a) Bill Gates

b) Yahoo

c) Tim OReilly

d) Google

11. What is the full form of WSDL?

a) Web Service Description Language

b) Web Session Description Language

c) Web Service Descriptive Language

d) Web Service Distance Language

12. The interface of a Web service can be programmatically inferred by metadata expressed through the _____

a) XML

b) WSDL

c) SOAP

d) HTTP

13. What is the full form of SOAP?

a) Simple Object Assess Protocol

b) Simple Object Access Protocol

c) Sample Object Access Protocol

d) Simple Oriented Access Protocol

14. The interaction with Web services happens through_____

a) SOA

b) HTTP

c) SOAP

d) SOC

15. Service Oriented Architecture (SOA) is

a) Strongly Coupled

b) Loosely Coupled

c) Strongly Cohesive

d) Loosely Cohesive

16. Which architecture will be built on top of a SOA?

a) The Application Architecture

b) The Service Architecture

c) The Component Architecture

d) The Programming Architecture.

17. What does the SOAP specification define?

a) format for XML messaging

 b) An interface to a business process

 c) An Internet communications protocol

 d) The payload contents for a Web service message

18. Which specifications are central to Web services?

a) SOAP, WSDL and HTTP

b) B. ESB and WS-Policy

c) XML and XML Schema

d) WSDL and XML

19. These cloud services are of the form of utility computing i.e. the _____ uses these services pay-as-you-go model.

a) Cloud providers

b) Clients

c) End users

d) Cloud users

20. The business model introduced with utility computing brought new requirements and led to improvements in _____ technology.

a) mainframe computing

b) cluster computing

c) grid computing

d) micro computing

21. QoS stands for :

a) Quality operating system

b) Quality in other services

c) Quality of service

d) Quality object oriented service

22. The _____ computing refers to a model in which the computation is

divided among several processors sharing the same memory.

a) distributed

b) parallel

c) grid

d) mobile

23. The architecture of a parallel computing system comprises of:

a) Each processor is of the same type & has the same capability as the others

b) Shared memory has a single address space which is available to all processors

c) Different processors and can communicate with each other by means of the shared memory.

d) Processorr of same type with shared memory

24. The _____ computing encompasses any architecture or system that allows the computation to be broken down into units and executed concurrently on different computing elements.

a) distributed

b) parallel

c) grid

d) mobile

25. Programming on a multiprocessor system using the _____ technique is called parallel programming.

a) multi-threading

b) greedy approach

c) divide and conquer

d) priority based

26. Which computing system is a multiprocessor machine capable of executing the same instruction on all the CPUs but operating on different data streams?

a) Single-instruction, single-data (SISD) systems

b) Single-instruction, multiple-data (SIMD) systems

c) Multiple-instruction, single-data (MISD) systems

d) Multiple-instruction, multiple-data (MIMD) systems

27. Which of the following type of virtualization is also characteristic of cloud computing?

a) data

b) Application

c) CPU

d) Storage, application and cpu

28. The technology used to distribute service requests to resources is referred to as _____

a) load performing

b) load scheduling

c) load balancing

d) load scheduling, balancing and perforrming

29. Which of the following provide system resource access to virtual machines?

a) VMM

b) VMC

c) VNM

d) VNC

30. An operating system running on a Type _____ VM is full virtualization.

a)1

b) 2

c) 3

d) 4

31. Which of the following will be the host operating system for Windows Server?

a) VirtualLogix VLX

b) Microsoft Hyper-V

c) Xen

d) KVM

32. Which of the following can be identified as cloud?

a) Web Applications

b) Intranet

c) Hadoop

d) Standalone Application

33. Which of the following is Cloud Platform by Amazon?

a) Azure

b) AWS

c) Cloudera

d) Hyper-V

34. Which of the following is the IaaS service provider?

a) EC2

b) EC1

c) EC10

d) Hybrid

35. 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) Service oriented architecture, standardized web services and web application framework

36. Which of the following language is used to manage transactions?

a) WSDL

b) XML

c) SOAP

d) REST

37. Communication between services is done widely using _____ protocol.
a) REST
b) SOAP
c) RESTful
d) WSDL

38. Virtualization helps a user to have a remote access of an application from a server is

a) Application Virtualization

b) Desktop Virtualization

c) Network Virtualization

d) Storage Virtualization

39. Hypervisor runs at the top of hardware.

a) Type - I

b) Type - II

c) Type - III

d) Type – IV

40. In virtualization where an array of servers that are managed by a virtual storage system is

a) Application Virtualization

b) Desktop Virtualization

c) Network Virtualization

d) Storage Virtualization

41. An internal part of the linux kernel module and uses regular memory and scheduler like linux

a) XEN

b) HVM

c) KVM

d) QEMU

42. Which component serves as a dashboard for users to manage OpenStack compute, storage and networking services?
a) Designate
 b) Horizon
 c) Glance
 d)Searchlight

43 .What core function does Neutron perform?

a) Networking

b) Compute

c) Storage

d) Computing, storage and network related

44. _____ is an alpha-numeric string which allows access to a certain set of services depending upon the access level of the user

a) Token

b) glance

c) cinder

d) Nova

45. Which of the following system services should be started for a proper Keystone Functioning____?

a) keystone-main

b) keystone-admin

c) httpd

d) nova-admin

46) Select storage virtualization technique

a) SANs

b) SNA

c) SMA

d) SMM

47) Which service acts as a proxy service between database and computer services?

a) nova conductor

b) nova proxy

c) nova api

d) nova schedule

48. How many cinder-volume services exist in a typical installation?

a) One.

b)At least three.

c) One per storage back end

d)One per database instance.

49. OpenStack Networking is entirely standalone and can be _____to a dedicated host.

a) deployed

b) Created

c) Inserted

d) deleted

50. Following is used to provide virtual machine image___

a) keystone

b) glance

c) cinder

d) neutron