Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021

Course Name - –Cloud Computing
Course Code - BHN603A

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○ M.SC.(MB)

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○ M.SC.(MSJ)

○ M.SC.(AM)

○ M.SC.CS)

○ M.SC.(ANCS)

○ M.SC.(MM)

○ B.A.(Eng)

Answer all the questions. Each question carry one mark.

9. 1. Point out the wrong statement.

    Mark only one oval.

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

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

    ○ Cloud computing makes the long-held dream of utility computing possible with a pay-as-you-go, infinitely scalable, universally available system

    ○ All of these

10.　2. How long is an IPv6 address?

Mark only one oval.

○ 32 bits

○ 128 bytes

○ 64 bits

○ 128 bits

11.　3. Where is a hub specified in the OSI model?

Mark only one oval.

○ Session layer

○ Physical layer

○ Data link layer

○ Application layer

12.　4. Which class of IP address has the most host addresses available by default?

Mark only one oval.

○ A

○ B

○ C

○ A & B

13.   5. Which address is used in an internet employing the TCP/IP protocols?

Mark only one oval.

◯ physical address and logical address

◯ port address

◯ specific address

◯ All of these

14.   6. Transmission data rate is decided by

Mark only one oval.

◯ Physical layer

◯ Network layer

◯ Data link layer

◯ Transport layer

15.   7. A list of protocols used by a system, one protocol per layer, is called

Mark only one oval.

◯ protocol stack

◯ protocol architecture

◯ protocol suit

◯ None of these

16. 8. Which of the following cloud concept is related to pooling and sharing of resources?

Mark only one oval.

○ Polymorphism

○ Abstraction

○ Virtualization

○ None of these

17. 9. _____ has many of the characteristics of what is now being called cloud computing.

Mark only one oval.

○ Internet

○ Software

○ Web Service

○ All of these

18. 10. Which of the following can be identified as cloud?

Mark only one oval.

○ Web Applications

○ Hadoop

○ Intranet

○ All of these

19. 11. Which of the following is Cloud Platform by Amazon?

Mark only one oval.

⬭ Azure

⬭ AWS

⬭ Cloudera

⬭ All of these

20. 12. _____ computing refers to applications and services that run on a distributed network using virtualized resources.

Mark only one oval.

⬭ Distributed

⬭ Soft

⬭ Parallel

⬭ Cloud

21. 13. _____ model consists of the particular types of services that you can access on a cloud computing platform.

Mark only one oval.

⬭ Service

⬭ Deployment

⬭ Application

⬭ None of these

22. 14. _____ refers to the location and management of the cloud's infrastructure.

Mark only one oval.

○ Service

○ Deployment

○ Application

○ None of these

23. 15. Which of the following is the deployment model?

Mark only one oval.

○ public

○ private

○ hybrid

○ All of these

24. 16. Point out the statement which is not true.

Mark only one oval.

○ Cloud Computing has two distinct sets of models

○ Azure enables .NET Framework applications to run over the Internet

○ Amazon has built a worldwide network of datacenters to service its search engine

○ None of these

25.   17. The _____ model originally did not require a cloud to use virtualization to
       pool resources.

       Mark only one oval.

       ( ) NEFT

       ( ) NIST

       ( ) NIT

       ( ) All of these

26.   18. _____ model attempts to categorize a cloud network based on four
       dimensional factors.

       Mark only one oval.

       ( ) Cloud Square

       ( ) Cloud Service

       ( ) Cloud Cube

       ( ) All of these

27.   19. How many types of dimensions exists in Cloud Cube Model?

       Mark only one oval.

       ( ) 1

       ( ) 2

       ( ) 3

       ( ) 4

28.   20. Which of the following is a virtual machine technology now owned by Oracle that can run various operating systems?

Mark only one oval.

◯ VirtualBox

◯ Vmachines

◯ ThoughtPolice

◯ None of these

29.   21. Point out the true statement.

Mark only one oval.

◯ Nearly all major virtualization platform vendors support OVF, notably VMware, Microsoft, Oracle, and Citrix

◯ JumpIt is an open-source virtual appliance installation and management service

◯ Converting a virtual appliance from one platform to another is easy proposition

◯ All of these

30.   22. _____ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be build.

Mark only one oval.

◯ Infrastructure

◯ Service

◯ Platform

◯ All of these

31. 23. Which of the following is the fundamental unit of virtualized client in an IaaS deployment?

Mark only one oval.

◯ workload

◯ workunit

◯ workspace

◯ All of these

32. 24. _____ offering provides the tools and development environment to deploy applications on another vendor's application.

Mark only one oval.

◯ PaaS

◯ IaaS

◯ CaaS

◯ All of these

33. 25. Which of the following can be considered PaaS offering?

Mark only one oval.

◯ Gmail

◯ Google Maps

◯ Google Earth

◯ All of these

34. 26. Amazon Web Services offers a classic Service Oriented Architecture (SOA) approach to _____

Mark only one oval.

◯ PaaS

◯ IaaS

◯ SaaS

◯ All of these

35. 27. Which of the following allows you to create instances of the MySQL database to support your Web sites?

Mark only one oval.

◯ Amazon Elastic Compute Cloud

◯ Amazon Relational Database Service

◯ Amazon Simple Queue Service

◯ Amazon Simple Storage System

36. 28. Which of the following is a structured data store that supports indexing and data queries to both EC2 and S3?

Mark only one oval.

◯ CloudWatch

◯ Amazon SimpleDB

◯ Amazon Cloudfront

◯ All of these

37.   29. Which of the following is built on top of a Hadoop framework using the Elastic Compute Cloud?

Mark only one oval.

⬭ Amazon Elastic MapReduce

⬭ Amazon Mechanical Turk

⬭ Amazon DevPay

⬭ Multi-Factor Authentication

38.   30. Which of the following is storage data interchange interface for stored data objects?

Mark only one oval.

⬭ OCC

⬭ OCCI

⬭ OCMI

⬭ All of these

39.   31. _____ data represents more than 50 percent of the data created every day.

Mark only one oval.

⬭ Light

⬭ Shadow

⬭ Dark

⬭ All of these

40.   32. How many categories of storage devices broadly exist in cloud?

Mark only one oval.

○ 1

○ 2

○ 3

○ None of these

41.   33. Which of the following mechanisms are contained by Cloud API for accessing cloud services?

Mark only one oval.

○ Authentication

○ Abstraction

○ Replication

○ All of these

42.   34. Which of the following storage option is available for managed storage?

Mark only one oval.

○ formatting

○ partitioning

○ replicating data

○ All of these

43.	35. Which of the following is the most complete cloud computing service model?

Mark only one oval.

◯ PaaS

◯ SaaS

◯ IaaS

◯ CaaS

44.	36. Which of the following is a SaaS characteristic?

Mark only one oval.

◯ The typical license is subscription-based or usage-based and is billed on a recurring basis

◯ The software is available over the Internet globally through a browser on demand

◯ The software and the service are monitored and maintained by the vendor

◯ All of these

45.	37. Open source software used in a SaaS is called _____ SaaS.

Mark only one oval.

◯ closed

◯ free

◯ open

◯ All of these

46. 38. By using _____, an administrator can convert one physical server into multiple virtual machines.

Mark only one oval.

○ Cloud computing

○ Virtualization

○ Elasticity

○ Server consolidation

47. 39. Specify the wrong one.

Mark only one oval.

○ The OpenID and CardSpace specifications support the authentication type of data object

○ Distributed transaction systems such as internetworks or cloud computing systems magnify the difficulties faced by identity management systems

○ The Distributed Audit Service provides accountability for users accessing a system

○ None of these

48. 40. What is the function of hypervisor in cloud?

Mark only one oval.

○ It provides the means to share one CPU with multiple OS

○ It emulates system calls

○ It provides full virtualization

○ None of these

49.   41. Which of the following is a more sophisticated load balancer?

Mark only one oval.

⬭ rackserve managers

⬭ workspace managers

⬭ workload managers

⬭ All of these

50.   42. What is the name of the Rackspace cloud service?

Mark only one oval.

⬭ Cloud servers

⬭ Cloud on demand

⬭ EC2

⬭ Google cloud

51.   43. Which feature does not belong to a private cloud?

Mark only one oval.

⬭ Metered billing

⬭ Dial-home support

⬭ Self service portal

⬭ Rapid elasticity

52.   44. Which of the following factors should a company consider before
       implementing cloud services?

       Mark only one oval.

       ◯ User satisfaction

       ◯ Potential cost reduction

       ◯ Information sensitivity

       ◯ All of these

53.   45. Which of the following can be replaced by cloud?

       Mark only one oval.

       ◯ Corporate data centers

       ◯ Expensive computer hardware

       ◯ Costly software upgrade

       ◯ All of these

54.   46. Which one of these is not a cloud pricing model?

       Mark only one oval.

       ◯ ladder

       ◯ pay per use

       ◯ free

       ◯ perceptual license

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

Mark only one oval.

⬭ Storage

⬭ Application

⬭ CPU

⬭ All of these

56.   48. Which of the following network resources can be load balanced?

Mark only one oval.

⬭ Connections through intelligent switches

⬭ DNS

⬭ Storage resource

⬭ All of these

57.   49. Which of the following services that need to be negotiated in Service Level
       Agreements?

Mark only one oval.

⬭ Logging

⬭ Auditing

⬭ Regulatory compliance

⬭ All of these

58.   50. Which of these is not a major type of cloud computing usage?

Mark only one oval.

( ) Platform as a Service

( ) Hardware as a Service

( ) Software as a Service

( ) Infrastructure as a Service

59.   51. Which of the following standard uses the same authorization and authentication mechanism as CDMI?

Mark only one oval.

( ) SIA

( ) NFS

( ) NTFS

( ) None of these

60.   52. _____ hypervisor is completely independent from operating system.

Mark only one oval.

( ) Type 1

( ) Type 2

( ) Type 3

( ) None of these

61. 53. Which of the followings provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets?

Mark only one oval.

◯ SaaS

◯ PaaS

◯ IaaS

◯ None of these

62. 54. Which of the architectural layer is used as front end in cloud computing ?

Mark only one oval.

◯ Cloud

◯ Client

◯ Soft

◯ All of these

63. 55. Which one of the following types of risks cannot be mitigated solely with cloud-specific security technologies?

Mark only one oval.

◯ Identity management

◯ Administrative access control

◯ Virtual sprawl

◯ Denial-of-service attacks

64.   56. Which of the following is not true about cloud-based virtual server
       management platforms?

Mark only one oval.

⬭ Cloud-based management platforms can support multiple cloud-virtual server
   vendors.

⬭ Cloud-based management platforms can support multiple cloud-virtual server
   operating systems.

⬭ Cloud-based management platforms can support change management
   methodologies.

⬭ Cloud-based management platforms cannot support internally hosted server
   platforms.

65.   57. How can confidentiality of information be achieved?

Mark only one oval.

⬭ By ensuring enough resources to make information available for all users

⬭ By preventing unauthorized changes

⬭ By regularly backing up the information

⬭ By restricting access to information

66.   58. What is benefit of storage availability in the Cloud?

Mark only one oval.

⬭ Storage in the Cloud has a higher availability than storage devices in the local area
   network.

⬭ Storage in the Cloud has shorter access times than storage in the local area network.

⬭ Additional storage does not require budget for new large storage devices.

⬭ Storage in the Cloud is easier to protect against intrusion

67. 59. Google App Engine is

Mark only one oval.

⬭ Is a Platform as a Service

⬭ Is a Software as a Service

⬭ Is a Infrastructure as a Service

⬭ All of these

68. 60. In which attack an attacker tries to flood the victim by sending requests from innocent hosts in the network.

Mark only one oval.

⬭ Man – in – middle

⬭ DOS

⬭ Phishing

⬭ Zombies

69. 61. What is CaaS?

Mark only one oval.

⬭ Communication as a service

⬭ Client as a Service

⬭ Computer as a Service

⬭ Common platform as a Service

70.   62. Which service model allows the customer to choose more layers in the computing architecture?

Mark only one oval.

  ◯ Platform as a Service (PaaS)

  ◯ Software as a Service (SaaS)

  ◯ Infrastructure as a Service (IaaS)

  ◯ There is no difference between the service models.

71.   63. _____ kind of cloud is privately managed by the firm.

Mark only one oval.

  ◯ Hybrid

  ◯ Public

  ◯ Private

  ◯ Community

72.   64. Which of these should a company consider before implementing cloud computing technology?

Mark only one oval.

  ◯ Employee satisfaction

  ◯ Potential cost reduction

  ◯ Information sensitivity

  ◯ All of these

73.   65. Usually methods like RAID strategies are used in cloud computing to maintain integrity. What RAID stands for ?

Mark only one oval.

( ) Redundant arrangements of independent disks

( ) Removal of array in independent disks

( ) Redundant array of independent disks

( ) Remove array for integrity dependent

74.   66. Which of the following service provider provides the least amount of built-in security?

Mark only one oval.

( ) SaaS

( ) IaaS

( ) PaaS

( ) All of these

75.   67. Which of the following area of cloud computing is uniquely troublesome?

Mark only one oval.

( ) Auditing

( ) Data Integrity

( ) Discovery for legal compliance

( ) All of these

76. 68. Which of the following is the fundamental unit of the virtualized client in an IaaS deployment?

Mark only one oval.

○ Work unit

○ Workspace

○ Workload

○ None of these

77. 69. What is the biggest disadvantage of community cloud ?

Mark only one oval.

○ Collaboration has to be maintained with other participants

○ Organisation losses business autonomy

○ Less security features

○ Cloud is used by many organisation for different purposes

78. 70. Which provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets?

Mark only one oval.

○ PaaS

○ IaaS

○ SaaS

○ CaaS

Google Forms