

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

Course Name - Cloud Computing

Course Code - BCSE603

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Answer all the questions. Each question carry one mark.

9. 1. Which of the following is essential concept related to Cloud?

*Mark only one oval.*

- Reliability
- Abstraction
- Productivity
- All of these

10. 2. Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a \_\_\_\_\_ resource.

*Mark only one oval.*

- Real
- Cloud
- Virtual
- None of these

11. 3. A hybrid cloud combines multiple clouds where those clouds retain their unique identities but are bound together as a unit.

*Mark only one oval.*

- Public
- Community
- Private
- Hybrid

12. 4. Which of the following is one of the unique attributes of Cloud Computing?

*Mark only one oval.*

- Utility type of delivery
- Elasticity
- Low barrier to entry
- All of these

13. 5. An internal cloud is

*Mark only one oval.*

- An overhanging threat
- A career risk for a CIO
- A cloud that sits behind a corporate firewall
- The group of knowledge workers who use a social network for water cooler gossip

14. 6. Which of the following is related to the service provided by Cloud ?

*Mark only one oval.*

- Sourcing
- Ownership
- Reliability
- AaaS

15. 7. Which of the following cloud concept is related to pooling and sharing of resources ?

*Mark only one oval.*

- Polymorphism
- Virtualization
- Abstraction
- None of these

16. 8. A company needs to provide IT services to a worldwide customer base utilizing a diverse set of devices. Which attribute of cloud computing can help the company deliver such services?

*Mark only one oval.*

- Pervasiveness
- Flexible pricing
- Vertical scaling of application servers
- Horizontal scaling of application servers

17. 9. Which approach is generally considered the easiest when beginning to adopt a cloud computing deployment model?

*Mark only one oval.*

- Trying it out in a testing environment
- Trying it out in a staging environment
- Trying it out at the beginning of a new project
- Trying it out directly in a production environment

18. 10. All cloud computing applications suffer from the inherent \_\_\_\_\_ that is intrinsic in their WAN connectivity.

*Mark only one oval.*

- Propagation
- Latency
- Noise
- None of these

19. 11. Which of the following is one of the properties that differentiates cloud computing?

*Mark only one oval.*

- Scalability
- Virtualization
- Composability
- All of these

20. 12. Which of the following initiative tries to provide a way of measuring cloud computing services along dimension like cost ?

*Mark only one oval.*

- CCE
- OCCI
- SMI
- All of these

21. 13. All resources are tightly coupled in computing paradigm of

*Mark only one oval.*

- Cloud Computing
- Centralized Computing
- Distributed Computing
- Parallel Computing



22. 14. Which of the following is the most widely used technique for abstraction?

*Mark only one oval.*

- Load balancing
- Load scheduling
- Load scaling
- All of these

23. 15. A set of highly integrated machines that run same process in parallel is known to be

*Mark only one oval.*

- Tightly-Coupled
- Loosely-Coupled
- Space-Based
- Peer-to-Peer

24. 16. Which cloud computing feature allows for server consolidation resulting in increased asset utilization and decreased data center energy needs?

*Mark only one oval.*

- Virtualization
- Provisioning
- Automation
- Governance

25. 17. Cloud computing is a \_\_\_\_\_ system and it is necessarily unidirectional in nature.

*Mark only one oval.*

- Stateless
- Reliable
- Stateful
- All of these

26. 18. Applications that run on any available servers in some edge networks are known to be

*Mark only one oval.*

- Parallel Cloud
- Distributed Cloud
- Virtualized Cloud
- Centralized Cloud

27. 19. Interprocessor communication takes place via

*Mark only one oval.*

- Shared Memory
- Message Passing
- Centralized Memory
- Both a and b

28. 20. HPC stands for

*Mark only one oval.*

- High-Peripheral Computing
- High-Performance Computing
- High-Parallel Computing
- High-Peak Computing

29. 21. Transparency that enables accessing local and remote resources using identical operations is called

*Mark only one oval.*

- Concurrency Transparency
- Access Transparency
- Performance Transparency
- Scaling Transparency

30. 22. In cloud computing we have an internet cloud of resources of form

*Mark only one oval.*

- Centralized Computing
- Parallel Computing
- Decentralized Computing
- All of these

31. 23. A paradigm of multiple autonomous computers, having a private memory, communicating through a computer network, is known as

*Mark only one oval.*

- Distributed Computing
- Centralized Computing
- Cloud Computing
- Parallel Computing

32. 24. Logical extension of computation migration is

*Mark only one oval.*

- Process Migration
- System Migration
- Thread Migration
- Data Migration

33. 25. In distributed systems, link and site failure is detected by

*Mark only one oval.*

- Polling
- Token Passing
- Handshaking
- None of these

34. 26.What are design issues in distributed system structure?

*Mark only one oval.*

- Clustering
- Fault-tolerance
- Scalability
- All of these

35. 27. Which of these techniques is vital for creating cloud computing centers?

*Mark only one oval.*

- Virtualization
- Transubstantiation
- Cannibalization
- Insubordination

36. 28. Which of the following is Virtual machine conversion cloud ?

*Mark only one oval.*

- BMC Cloud Computing Initiative
- Amazon CloudWatch
- AbiCloud
- None of these

37. 29. What is an advantage of a multi tenancy cloud environment over a single tenancy environment?

*Mark only one oval.*

- Cost savings
- Easy to customize
- Faster performance
- Higher data security

38. 30. What is the role of virtualization in cloud computing?

*Mark only one oval.*

- It improves the performance of web applications
- It removes operating system inefficiencies
- It optimizes the utilization of computing resources
- It adds extra load to the underlying physical infrastructure and has no role in cloud computing

39. 31. What is the definition of provisioning as an automated process related to cloud computing?

*Mark only one oval.*

- It moves data from one cloud to another
- It provides server consolidation capability
- It adds security constraints to a cloud environment
- It handles computing resource management processes

40. 32. \_\_\_\_\_ blurs the differences between a small deployment and a large one because scale becomes tied only to demand.

*Mark only one oval.*

- Leading
- Virtualization
- Pooling
- None of these

41. 33. Which two options are cloud computing architectural layers?

*Mark only one oval.*

- Data, Cluster
- Network, Grid
- Platform, Application
- Application, Session

42. 34. The technology used to distribute service requests to resources is referred to as \_\_\_\_\_

*Mark only one oval.*

- Load performing
- Load scheduling
- Load balancing
- All of these

43. 35. Which of the following network resources can be load balanced?

*Mark only one oval.*

- Connections through intelligent switches
- DNS
- Storage resources
- All of these

44. 36. What are some challenges that existing data centers face as they move toward supporting cloud computing?

*Mark only one oval.*

- Acquiring new servers to support virtualization
- Increased IT labor costs to manage the cloud environment
- Greater energy consumption for the same load of applications
- Storage capacity, data protection, and storage provisioning as instances accumulate and scale up

45. 37. Which is considered the most widely used cloud computing service?

*Mark only one oval.*

- IaaS
- CaaS
- SaaS
- PaaS



46. 38. \_\_\_\_\_ describes a cloud service that can only be accessed by a limited amount of people.

*Mark only one oval.*

- Data center
- Private cloud
- Virtualization
- Public cloud

47. 39. Which cloud deployment model is operated solely for a single organization and its authorized users?

*Mark only one oval.*

- Private cloud
- Public cloud
- Hybrid cloud
- None

48. 40. Point out the correct statement.

*Mark only one oval.*

- SLAs is small aspect of cloud computing
- Cloud computing does not have impact on software licensing
- Cloud computing presents new opportunities to users and developers
- All of these

49. 41. What facet of cloud computing helps to guard against downtime and determine costs?

*Mark only one oval.*

- Service Level Agreements
- Virtual Private Networks
- Application Programming Interfaces
- Bandwidth Fees

50. 42. Which is not a characteristics of SaaS?

*Mark only one oval.*

- Multi device support
- Web access
- Offline access
- None of these

51. 43. Applications such as a Web server or database server that can run on a virtual machine image are referred to as \_\_\_\_\_

*Mark only one oval.*

- Virtual server
- Virtual appliances
- Machine imaging
- All of these

52. 44. Which resources are typically provided by an Infrastructure as a service cloud computing delivery model?

*Mark only one oval.*

- Applications
- Middleware software stacks
- Virtual machines
- Virtual private networks

53. 45. Which of the following can be considered PaaS offering ?

*Mark only one oval.*

- Google Maps
- Gmail
- Google Earth
- All of these

54. 46. \_\_\_\_\_ is a function of the particular enterprise and application in an on-premises deployment.

*Mark only one oval.*

- Vendor lock
- Vendor lock-in
- Vendor lock-ins
- None of these

55. 47. Which refers to the practice of a primary cloud provider offering services that are distributed through another cloud provider?

*Mark only one oval.*

- Hybrid cloud
- Composite cloud
- Grid computing
- Virtualization

56. 48. Which cloud characteristic refers to the ability of a subscriber to increase or decrease its computing requirements as needed without having to contact a human representative of the cloud provider?

*Mark only one oval.*

- Rapid elasticity
- Resource pooling
- On demand self service
- Broad network access

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

*Mark only one oval.*

- WSDL
- XML
- SOAP
- None of these

58. 50. \_\_\_\_\_ describes a distribution model in which applications are hosted by a service provider and made available to users.

*Mark only one oval.*

- IaaS
- SaaS
- PaaS
- Cloud service

59. 51. Which of these is not a major type of cloud computing usage?

*Mark only one oval.*

- Hardware as a service
- Software as a service
- Platform as a service
- Infrastructure as a service

60. 52. Which of the following is not a type of cloud?

*Mark only one oval.*

- Private
- Protected
- Public
- Hybrid

61. 53. 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

62. 54. \_\_\_\_\_ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be build.

*Mark only one oval.*

- Infrastructure
- Platform
- Service
- All of these

63. 55. Which of the following provider rely on virtual machine technology to deliver servers ?

*Mark only one oval.*

- CaaS
- AaaS
- PaaS
- IaaS

64. 56. Security methods such as private encryption, VLANs and firewalls comes under \_\_\_\_\_ subject area

*Mark only one oval.*

- Accounting Management
- Compliance
- Data Security
- All of these

65. 57. A service provider reselling an \_\_\_\_ may have the option to offer one module to customize the information.

*Mark only one oval.*

- CaaS
- PaaS
- AaaS
- SaaS

66. 58. Which of the following benefit is provided by PaaS service provider ?

*Mark only one oval.*

- A larger pool of qualified developers
- More reliable operation
- A logical design methodology
- All of the mentioned

67. 59. The three different service models is together known as the \_\_\_\_\_ model of cloud computing.

*Mark only one oval.*

- CPI
- SPI
- SIP
- MOC

68. 60. Software as a Service is considered to be included in which cloud computing layer?

*Mark only one oval.*

- Data
- Application
- Client
- Infrastructure

69. 61. SaaS supports multiple users and provides a shared data model through \_\_\_\_\_ model.

*Mark only one oval.*

- Single-tenancy
- Multi-tenancy
- Multiple-instance
- All of these



70. 62. Which customer scenario best fits a deployment on a public cloud?

*Mark only one oval.*

- A customer whose IT infrastructure is underutilized
- A customer who deals with highly sensitive user information
- A customer who does not have the IT infrastructure to handle variable system load
- A customer who is not too concerned about security control over their data, and the system load is almost a constant at all times

71. 63. What is the benefit of using automation techniques in conjunction with cloud computing?

*Mark only one oval.*

- Automation reduces human errors
- Automation allows for sharing of computer resources
- Automation reduces costs by increasing asset utilization
- Automation optimizes availability by maintaining configurations and managing changes to resources

72. 64. Which of the following is commonly used to describe the service interface, how to bind information, and the nature of the component's service or endpoint?

*Mark only one oval.*

- WSDL
- SCDL
- XML
- None of these

73. 65. Which of the following is Cloud Platform by Amazon?

*Mark only one oval.*

- Azure
- Cloudera
- AWS
- All of these

74. 66. What is true about utility computing and cloud computing?

*Mark only one oval.*

- Utility computing is the only billing model for cloud computing
- Utility computing is not related to cloud computing
- Cloud computing can be delivered as utility computing
- Utility computing runs in a cloud computing environment

75. 67. \_\_\_\_\_ is a framework tool for managing cloud infrastructure.

*Mark only one oval.*

- IBM Tivoli Service Automation Manager
- Microsoft Tivoli Service Automation Manager
- Google Service Automation Manager
- Windows Live Hotmail

76. 68. Google \_\_\_\_\_ is a collection of applications and utilities under development and testing.

*Mark only one oval.*

- Code
- Labs
- Hash
- All of these

77. 69. Which of the following service that provides offline access to online data?

*Mark only one oval.*

- Gears
- Blogger
- Offline
- All of these

78. 70. HTC stands for

*Mark only one oval.*

- High-turning computing
- High-tabulation computing
- High-technology computing
- High-throughput computing

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