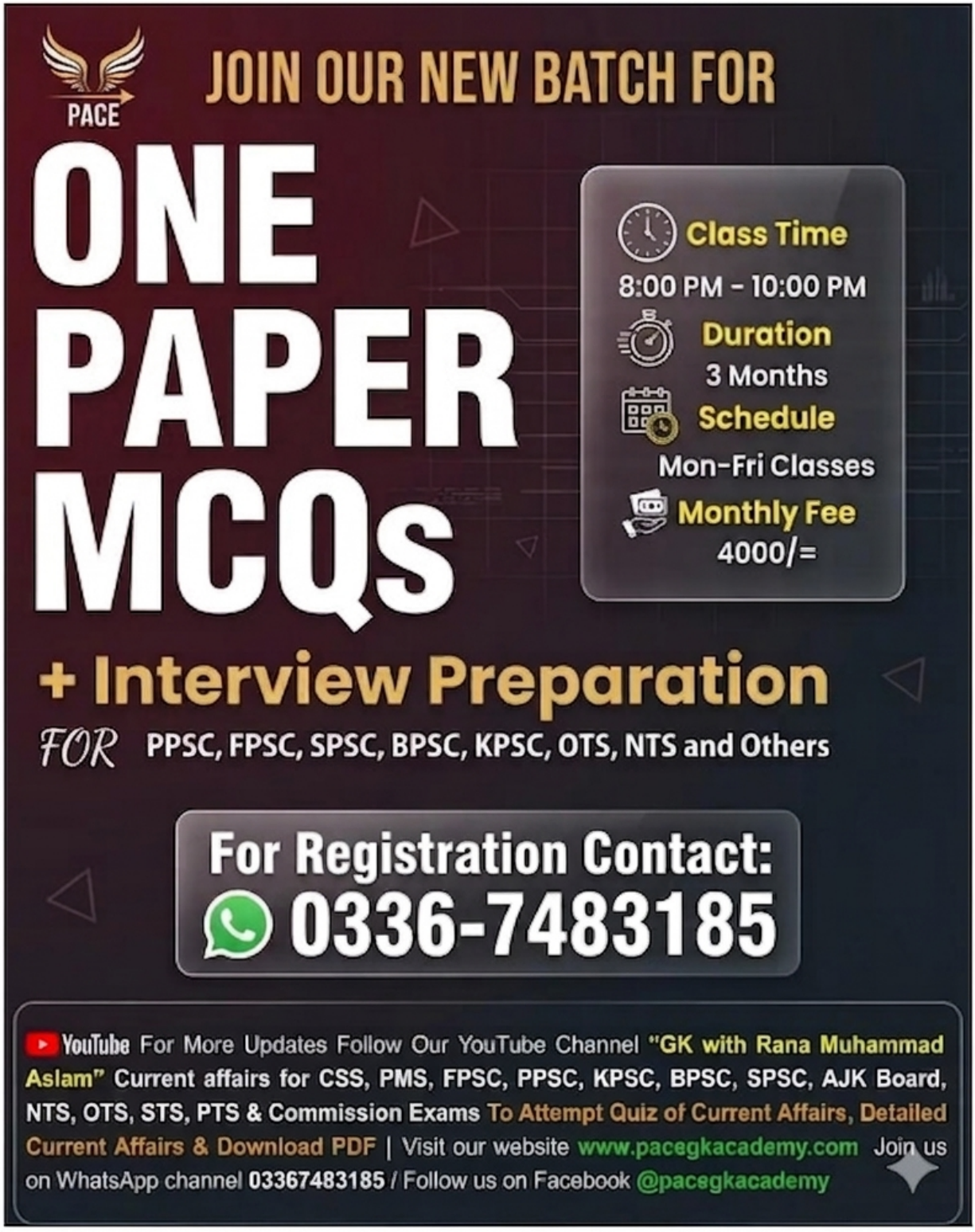
Cloud Computing



Cloud Computing

Q.1: Which of the following can be done with S3 buckets through the SOAP and RESTAPIs?
A. create, edit, or delete existing buckets
B. upload new objects to a bucket and download them
C. specify where a bucket should be stored
D. **all of the mentioned**

Q.2: _____ is the degree to which nodes have a common set of connections to other nodes?
A. **structural cohesion**
B. structural hole
C. structural equivalence
D. none of the above

Q.3: Which of the following is open and both hypervisor and processorarchitecture-agnostic?
A. Cloudkick
B. **dell scalent**
C. elastra
D. all of the mentioned

Q.4: _____is a service that creates and manages virtual network interfaces?
A. **VMware vNetwork**
B. VMware vStorage
C. VMware vCompute
D. Application services

Q.5: Virtual Machine Ware (VMware) is an example of?
A. Platform Service
B. **Infrastructure Service**
C. Software Service
D. None of these

Q.6: Which of the following is not involved in working of IoT?
A. sensor
B. rfid
C. nano tech
D. **server**

Q.7: In a scheme, the VM is installed as a Type 1 Hypervisor directly onto the hardware?
A. **full virtualization**
B. paravirtualization
C. emulation
D. none of the mentioned

Q.8: Google Apps Engine is a type of_____?
A. Paa S
B. SaaS
C. laaS
D. **NA**

Q.9: Which of the following is a Web service that can publish messages from an application and deliver them to other applications or to subscribers?
A. amazon elastic compute cloud
B. amazon simple queue service
C. **amazon simple notification service**
D. amazon simple storage system

Q.10: What second programming language did Google add for App Engine development?
A. Flash
B. C++
C. **Java**
D. Visual Basic

Q.11: Which of the following monitors the performance of the major cloudbased services in real time in Cloud Commons?
A. **cloudsensor**
B. cloudwatch
C. cloudmetrics
D. all of the mentioned

Q.12: Which of the following is the most important area of concern in cloud computing?
A. storage
B. **security**
C. scalability
D. all of the mentioned

Q.13: hich of the following use LUNs to definea storage volume that appears to a connected computer asa device?
A. Iscsi
B. san
C. fibre channel
D. **all of the mentioned**

Q.14: Amazon Machine Images are virtual appliances that have been packaged to run on the grid of___nodes?
A. **Xen**
B. Ben
C. Ken
D. Zen

Q.15: A_____is a logical unit that serves as the target for storage operations, such as the SCSI protocol READs and WRITEs?
A. gets
B. gets
C. lun
D. **all of the mentioned**

Q.16: Amazon AWS Consists of following services?
A. PaaS
B. laaS
C. SaaS
D. **all of above**

Q.17: A file in HDFS that is smaller than a single block size?
A. occupies the full blocks size.
B. cannot be stored in hdfs
C. can span over multiple blocks
D. **occupies only the size it needs and not the full bloc**

Q.18: Which of the following terms indicates that information is to be read only by those people for whom it is intended?
A. Accounting
B. Availability
C. Integrity
D. **Confidentiality**

Q.19: What do we call string in python 2?
A. str
B. **unicode**
C. strs
D. unicades

Q.20: XML tag which represents information related to a REST service request?
A. title
B. result
C. none of the mentioned
D. **all of the mentioned**

Q.21: What is Cloud Foundry?
A. An industry wide PaaS initiative
B. A factory that produces cloud components
C. **VMware-led open source PaaS.**
D. None of these

Q.22: Which of the following is the full form of XMPP?
A. Extensible Messaging and Presence Protocol
B. Extension Messaging and Presence Protocol
C. Extension Messaging and Privacy Protocol
D. **Extensible Messaging and Privacy Protocol**

Q.23: Which of the following uses an authentication device?
A. amazon mechanical turk
B. amazon elastic mapreduce
C. amazon devpay
D. **multi-factor authentication**

Q.24: Which of the following visualization is most commonly achieved through a mapping mechanism where a logical storage address is translated into a physical storage address?
A. network
B. **storage**
C. software
D. none of the mentioned

Q.25: The percentage of time the system is up and running smoothly is referred as_____?
A. system scalability
B. system up time
C. **system availability**
D. system efficiency

Q.26: a technology that offers Internet browsing from wireless devices
A. real-time location system (rtls)
B. wireless wide area network (wwan)
C. wireless local area network (wlan)
D. **wireless application protocol (wap)**

Q.27: What is SCADA?
A. **process**
B. software
C. system
D. hardware

Q.28: Which of the following is essential concept related to Cloud?
A. productivity
B. reliability
C. **abstraction**
D. all of the mentioned

Q.29: NameNode and DataNode do communicate using_____?
A. **heartbeats**
B. active pulse
C. h-signal
D. data pulse

Q.30: Security methods such as private encryption, VLANs and firewalls comes under_____ subject area?
A. Compliance
B. Accounting Management
C. **Data Privacy**
D. All of the mentioned

Q.31: In order to participate in cloud-computing, you must be using the following OS?
A. Mac OS
B. Windows
C. Linux
D. **All of the above**

Q.32: Which of the following can be considered as a distributed caching system?
A. **cdn**
B. cnd
C. cwd
D. all of the mentioned

Q.33: Which of the following IM client allow their users to connect to the different major IM services?
A. miranda im
B. pidgin
C. trillian
D. **all of the mentioned**

Q.34: _____captive requires that the cloud accommodate multiple compliance regimes?
A. **Policy-based**
B. Licensed
C. Variable
D. All of the mentioned

Q.35: COAP is a specialized protocol_____?
A. power
B. **web transfer**
C. application
D. resource

Q.36: Computing capabilities embedded in the environment but typically not mobile?
A. **pervasive computing**
B. mobile portal
C. context-aware computing
D. voice portal

Q.37: An application that needed_____ storage alone might not benefit from a cloud deployment at all?
A. **offline**
B. online
C. virtual
D. all of the mentioned

Q.38: What is the time elapsed after a batch is created?
A. **0.05 seconds**
B. 0.5 seconds
C. 1.5 seconds
D. 1 second

Q.39: Which of the following is the central application in the AWS portfolio?
A. amazon simple queue service
B. **amazon elastic compute cloud**
C. amazon simple notification service
D. amazon simple storage system

Q.40: RDS is a_____tye of database?
A. NonSQL
B. **SQL**
C. Simple storage
D. all of above

Q.41: How many security accounts per client is provided by Microsoft?
A. 1
B. 3
C. **5**
D. 7

Q.42: In particular, layers have which of the following characteristics?
A. layers doesn't support information hiding
B. **layers are by definition highly cohesive, thus satisfying the principle of cohesion**
C. layers are constrained to use only above layers
D. all of the mentioned

Q.43: Point out the wrong statement?
A. start very small and become big very fast
B. applications benefit from deployment in the cloud
C. **technology it is built on is evolutionary**
D. none of the mentioned

Q.44: Which of the following is true with respect to layered architecture?
A. a layer may call other layers above and below it, as long as it uses them
B. each layer is allowed to depend on the layer above it being present and correct
C. all of the mentioned
D. **none of the mentioned**

Q.45: Which of the following should be placed in second lowermost layer for the following figure?
A. software
B. **host operating system**
C. vm
D. none of the mentioned

Q.46: Which of the following factors led to the demise of many of the early SSPs and to many hosted file services?
A. the continued commoditization of large disk drives
B. the dot.com bust in 2000
C. the inability of file-hosting companies to successfully monetize online storage
D. **all of the mentioned**

Q.47: Calculating the location of a mobile device from signals sent by the device to base stations?
A. **terminal-based positioning**
B. personal area network (pan)
C. pervasive computing
D. network-based positioning

Q.48: The number of binding of a node to other actors of the graph in the graph representation of a network is called as?
A. path length
B. **node degree**
C. social circle
D. bridge

Q.49: Which of these is not an antecedent of the cloud?
A. utility computing
B. software as a service
C. grid computing
D. **desktop computing**

Q.50: Which of the following is an edge-storage or content-delivery system that caches data in different physical locations?
A. amazon simpledb
B. amazon relational database service
C. **amazon cloudfront**
D. amazon associates web services

Q.51: The Data-Intensive Scalable Computing(DISC) utilizes a_____data center clusters to gather and maintain data?
A. HPC
B. **HTC**
C. HCC
D. HAC

Q.52: Which of the following is most importance feature of cloud storage listed below?
A. Bare file
B. **Logon authentication**
C. Multiplatform support
D. Adequate bandwidth

Q.53: Which of the following is property of ACID principle?
A. consistency
B. atomicity
C. isolation
D. **all of the mentioned**

Q.54: M2M is a term introduced by_____?
A. Fog computing service providers
B. loT service providers
C. **Telecommunication service providers**
D. None of these

Q.55: In this type of cloud, an organization rents cloud services from cloud providers on- demand basis_____?
A. **public**
B. private
C. protected
D. hybrid

Q.56: Which of the following network resources can be load balanced?
A. dns
B. connections through intelligent switches
C. storage resources
D. **all of the mentioned**

Q.57: Logical extension of computation migration is_____?
A. system migration
B. **process migration**
C. thread migration
D. data migration

Q.58: How many EC2 service zones or regions exist?
A. 1
B. 2
C. 3
D. **4**

Q.59: Three parts of GPS include____?
A. control segment
B. space segment
C. user segment
D. **all of the above**

Q.60: Which of the following is a repeatable task within a business process?
A. bus
B. **service**
C. methods
D. all of the mentioned

Q.61: Which of the following is used to extend CIM to virtual computer system management?
A. ocsi
B. ovf
C. **vman**
D. none of the mentioned

Q.62: AWS reaches customers in_____countries?
A. 182
B. 137
C. **190**
D. 86

Q.63: How many types of protocols are important for instant messaging?
A. 2
B. **3**
C. 4
D. all of the mentioned

Q.64: Which of the following technology is used for syndicated content?
A. **rss**
B. ajax
C. javascript
D. all of the mentioned

Q.65: Which of the following protocol is adopted for interoperability by top three IM service providers?
A. **simple**
B. sip
C. xmpp
D. imps

Q.66: What is the default size of HDFS Data Block?
A. **128mb**
B. 16mb
C. 32mb
D. 64mb

Q.67: Point out the wrong statement_____?
A. **all cloud computing applications combine their resources into pools that can be assigned on demand to users**
B. abstraction enables the key benefit of cloud computing: shared, ubiquitous access
C. virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made
D. all of the mentioned

Q.68: _____is an application for collecting messages sent in RSS and Atom format from information providers?
A. Yahoo Mail
B. **Google Reader**
C. EmailRackspace
D. All of the mentioned

Q.69: Which of the following component is called hypervisor?
A. VMc
B. VGM
C. **VMM**
D. All of the mentioned

Q.70: Which of the following is a payment processing system by Google?
A. **checkout**
B. paytm
C. code
D. all of the mentioned

Q.71: Which of the following benefit is provided by the PaaS service provider?
A. More reliable operation
B. A larger pool of qualified developers
C. A logical design methodology
D. **All of the mentioned**

Q.72: Which of the following can be used for reducing recovery time?
A. by taking backup on a faster device
B. automatic failover
C. taking multiple backups - one in same location, another at different location
D. **all of the mentioned**

Q.73: Which of the following provides a bridge betweena company's existing network and the AWS cloud?
A. aws premium support
B. **amazon virtual private cloud**
C. amazon fulfillment web services
D. all of the mentioned

Q.74: which of the following is a core management feature offered by most cloud management service products?
A. support of different cloud types
B. creation and provisioning of different types of cloud resources, such as machine instances, storage, or staged applications
C. performance reporting including availability and uptime, response time, resource quota usage, and other characteristics
D. **all of the mentioned**

Q.75: How many categories of storage devices broadly exist in cloud?
A. 1
B. **2**
C. 3
D. none of the mentioned

Q.76: Service exporters that can exporta bean as a remote service based on the?
A. hessian
B. rmi
C. burlap
D. **all of the mentioned**

Q.77: Point out the wrong statement?
A. **a cloud cannot be created within an organization's own infrastructure or outsourced to another datacenter**
B. a composable component must be modular
C. a composable component must be stateless
D. none of the mentioned

Q.78: What is the name of Rackspace's cloud service?
A. **Cloud Servers**
B. Cloud On-Demand
C. EC2
D. None of these

Q.79: Which of the following provider rely on the virtual machine technology to deliver servers?
A. AaaS
B. CaaS
C. PaaS
D. **IaaS**

Q.80: Which of the following was developed an alternative to XML syndication by IETF?
A. atom subscribing protocol
B. **atom publishing protocol**
C. atom subscribe protocol
D. none of the mentioned

Q.81: When you add a software stack, such as an operating system and applications to the service, the model shifts to____model?
A. laas
B. **SaaS**
C. PaaS
D. all of the mentioned

Q.82: Which of the following is best known service model?
A. laaS
B. SaaS
C. PaaS
D. **All of the mentioned**

Q.83: For the_____ model, the security boundary may be defined for the vendor to include the software framework and middleware layer?
A. **Paas**
B. SaaS
C. laas
D. All of the mentioned

Q.84: a wireless telecommunications network for device-to-device connections within a very short range?
A. **personal area network (pan)**
B. wireless wide area network (wwan)
C. wireless local area network (wlan)
D. sensor network

Q.85: If the IP address or hostname of a data node changes?
A. he data in that data node is lost forever
B. The namenode updates the mapping between file name and block name
C. **The namenode need not update mapping between file name and block name**
D. There namenode has to be restarted

Q.86: Users can control which keys (and hence records) go to which Reducer by implementing a custom?
A. outputsplit
B. **partitioner**
C. reporter
D. all of the mentioned

Q.87: The_____ is something that you can obtain under contract from your vendor?
A. **qos**
B. pos
C. sos
D. all of the mentioned

Q.88: Based on PageRank algorithm, Google returns_____for a query that is parsed for its keywords?
A. sap
B. sep
C. **serp**
D. business objects build

Q.89: Which of the following provides commands for defining logic using conditional statements?
A. **ws-bpel**
B. xml
C. json
D. none of the mentioned

Q.90: hich of the following provide system resource access to virtual machines?
A. vmc
B. **vmm**
C. vnm
D. all of the mentioned

Q.91: Which of these companies specializes in cloud computing management tools and services?
A. Google
B. **RightScale**
C. Salesforce.com
D. Savis

Q.92: Which of the following is a billing and account management service?
A. Amazon Mechanical Turk
B. Amazon Elastic MapReduce
C. **Amazon DevPay**
D. Multi-Factor Authentication

Q.93: The method which offers higher speeds of I/O transfers is_____?
A. memory mapping
B. interrupts
C. program-controlled i/o
D. **dma**

Q.94: _____is a function of the particular enterprise and application in an on-premises deployment?
A. **Vendor lock-in**
B. Vendor lock
C. Vendor lock-ins
D. None of the mentioned

Q.95: When did the SCADA start?
A. **1990s**
B. 1980s
C. 1970s
D. 960s

Q.96: _____enables the migration of the virtual image from one physical machine to another?
A. virtual transfer
B. visualization
C. **virtualization**
D. migration

Q.97: hich of the following is a message queue or transaction system for distributed Internet-based applications?
A. **amazon simple queue service**
B. amazon elastic compute cloud
C. amazon simple notification service
D. amazon simple storage system

Q.98: Storage classes available with Amazon s3 are____?
A. Amazon S3 standard-infrequent Access
B. Amazon S3 standard
C. Amazon Glacier
D. **All of the above**

Q.99: JEOS stands for_____?
A. ust expensive operating system
B. joint expensive operating system
C. **just enough operating system**
D. joined environmental operating system

Q.100: _____is an embedded system which meshes the computing process with the physical world in the form of an interactive as well as intelligent system?
A. cyber-space system
B. cloud-physical system
C. **cyber-physical system**
D. none of the above

Q.101: Point out the wrong statement?
A. a platform in the cloud is a software layer that is used to createhigher levels of O service
B. platforms represent nearly the full cloud software stack
C. platforms often come replete with tools and utilities to aid in application design and deployment
D. **none of the mentioned**

Q.102: The control in SCADA is_____?
A. direct control
B. online control
C. **supervisory control**
D. automatic control

Q.103: What is Relaxed Layered Style?
A. **sometimes this constraint is relaxed slightly to allow each layer to use all the layers B.O below it**
B. each layer can be constrained to use only the layer directly below it
C. allof the mentioned
D. none of the mentioned

Q.104: Point out the correct statement?
A. secure access to your ec2 amis is controlled by passwords, kerberos, and 509 certificates
B. security can be set through passwords, kerberos tickets, or certificates
C. most of the system image templates that amazon aws offers are based on red hat linux
D. **all of the mentioned**

Q.105: Point out the correct statement?
A. in wolf, the data and transaction management conforms to the business rules you create
B. with PaaS, the goal is to create hosted scalable applications that are used in a software as a service model
C. applications built using PaaS tools need to be standards-based
D. **all of the mentioned**

Q.106: Which of the following feature is used for scaling of EC2 sites?
A. **auto scaling**
B. auto replica
C. auto ruling
D. all of the mentioned

Q.107: Dynamodb is_____ type of storage?
A. SQL
B. **NonSQL**
C. Simple storage
D. all of above

Q.108: Two main components in Docker are_____?
A. client, master
B. master, slave
C. **Client, server**
D. all of the above

Q.109: Point out the correct statement?
A. IaaS adds application development frameworks, transactions, and control structures
B. PaaS supplies the infrastructure
C. **SaaS is an operating environment with applications, management, and the user interface**
D. all of the mentioned

Q.110: Which of the following is application and infrastructure management software for hybrid multi-clouds?
A. tapinsystems
B. vmware hyperic
C. webmetrics
D. **univa ud**

Q.111: Which of the following is an online backup and storage system?
A. amazon simple queue service
B. amazon elastic compute cloud
C. **amazon simple storage system**
D. amazon simple notification service

Q.112: Which of the following protocol lets a Web site list in an XML file information?
A. mashups
B. **sitemaps**
C. hashups
D. all of the mentioned

Q.113: Which of the following functional cloud computing hardware/software stack is the Cloud Reference Model?
A. SAC
B. CAS
C. CSA
D. **None of the mentioned**

Q.114: Which of the following statement is wrong about Amazon S3?
A. amazon s3 is highly available
B. amazon s3 is highly reliable
C. amazon s3 provides large quantities of reliable storage that is highly protected
D. **none of the mentioned**

Q.115: client() class provides_____ to create topics?
A. batch
B. software
C. classes
D. **methods**

Q.116: Publishing an application's data as a REST service requires?
A. @pathvariable
B. @requestmapping
C. **all of the mentioned**
D. none of the mentioned

Q.117: The_____ property states that the system must have a mechanism to recover from committed transactions should that be necessary?
A. **durability**
B. atomicity
C. consistency
D. isolation

Q.118: The advantages of Ajax is_____?
A. More interactive
B. Bandwidth utilization
C. Speeder retrieval of data
D. **All of these**

Q.119: In threat modeling, what methodology used to perform risk analysis?
A. owasp
B. dread
C. dar
D. **stride**

Q.120: IEEF 802 154 uses which of the following for accessing the Channel?
A. **Carrier sense multiple access with collision avoidance (CSMA-CA)**
B. Carrier sense multiple access (CSMA)
C. Carrier sense multiple access with collision detection (CSMA-CD)
D. None of these

Q.121: Which one of the statement is generally NOT correct for Microkernelized Hypervisor?
A. **contains its own drivers model**
B. drivers run within guests
C. simple partitioning functionality
D. increase reliability and minimize lowest level of the tcb

Q.122: _____is the central application in the AWS portfolio?
A. Amazon Simple Notification Service
B. Amazon Simple Queue Service
C. **Amazon Elastic Compute Cloud**
D. All of the above

Q.123: Point out the wrong statement_____?
A. managed storage is relatively cheap to use
B. **unmanaged storage is reliable**
C. most of the user-based applications that work with cloud storage are of unmanaged type
D. none of the mentioned

Q.124: Processes on the remote systems are identified by?
A. host name and identifier
B. host id
C. identifier
D. **process id**

Q.125: URI and content type support is which protocol feature?
A. spi
B. http
C. udp
D. **Both A and C**

Q.126: CNS stands for_____?
A. compound near sweet-sp0t
B. **consumption near sweet-spot**
C. continuous network system
D. compact neural system

Q.127: The message in pub/sub is an opaque blob of_____?
A. **bytes**
B. bits
C. nibble
D. word

Q.128: Which of the following instance class is best used for applications that are processor or compute-intensive?
A. high memory instances
B. standard instances
C. **high cpu instances**
D. none of the mentioned

Q.129: Which of the following aspect of the service is abstracted away?
A. **user interaction**
B. data escrow
C. adoption drivers
D. none of the mentioned

Q.130: AMIs are operating systems running on the_____virtualization hypervisor?
A. **Xen**
B. Yen
C. Ben
D. Multi-Factor Authentication

Q.131: Which of the following is not a messaging mode in CoAP?
A. Piggyback
B. Confirmable
C. Separate
D. **Direct**

Q.132: Dynamic content presented in Google_____ indexed?
A. **javascript**
B. ajax
C. java
D. all of the mentioned

Q.133: In distributed systems, link and site failure is detected by_____?
A. token passing
B. polling
C. **handshaking**
D. none of the mentioned

Q.134: A_____service provider gets the same benefits from a composable system that a user does?
A. **PaaS**
B. CaaS
C. AaaS
D. all of the mentioned

Q.135: The following flowchart is intended to evaluate in any cloud_____?
A. inconsistencies
B. **risk**
C. erors
D. none of the mentioned

Q.136: Which of the following ACID property states that the system must go from one known state to another and that the system integrity must be maintained?
A. durability
B. atomicity
C. **consistency**
D. isolation

Q.137: automatically identifying a Web user's location_____?
A. wimax
B. voice portal
C. **geolocation**
D. sensor network

Q.138: Which of the following is not a cloud stakeholder?
A. cloud users
B. cloud providers
C. clients
D. **Service providers**

Q.139: What is the typical range of transmission distance in a ZigBee network?
A. 5 km
B. 5 m.
C. 50 m.
D. **500 m**

Q.140: To overcome the lag in the operating speeds of the I/O device and the processor we use_____?
A. status flags
B. **buffer spaces**
C. interrupt signals
D. exceptions

Q.141: Docker is generally configured to use TCP port_____managing encrypted traffic?
A. **2376**
B. 3306
C. 53378
D. 2375

Q.142: Which of the following is Cloud Platform by Amazon?
A. **AWS**
B. Azure
C. Cloudera
D. All of the mentioned

Q.143: What is private cloud?
A. **A cloud architecture maintained within an enterprise data center.**
B. A standard cloud service offered via the Internet
C. A cloud service inaccessible to anyone but the cultural elite
D. None of these

Q.144: Amazon's Elastic Compute Cloud (EC2) is a well known_____?
A. SoA
B. **Virtual machine**
C. Cloud Storage
D. PaaS

Q.145: The BEST way to define Virtualization in cloud computing is_____?
A. virtualization enables abstracting compute, network, and storage service platforms from the underlying physical hardware
B. **virtualization enables simulating compute, network, and storage service platforms from the underlying virtual hardware**
C. virtualization enables emulating compute, network, and storage service platforms from the underlying virtual hardware
D. virtualization enables realization of compute, network, and storage service platforms from the underlying virtual hardware

Q.146: What widely used service is built on cloud-computing technology?
A. gmail
B. twitter
C. skype
D. **all of the above**

Q.147: Cloud Service consists of_____?
A. Platform, Hardware, Infrastructure
B. **Platform, Software, Infrastructur**
C. Software, Hardware, Infrastructure
D. None of these

Q.148: Which of these is nota major type of cloud computing usage?
A. Platform asa Service
B. **Hardware as a Service**
C. Sofftware as a Service
D. Infrastructure as a Service

Q.149: wnich are the three conceptual layers in cometcloud?
A. **programming, service, infrastructure**
B. development, application, physical
C. infrastructure, dynamic, static
D. transport, network, programming

Q.150: "Cloud" in cloud computing represents what?
A. **Internet**
B. Wireless
C. Hard drives
D. People

Q.151: Virtual Machines (VMs) are offered in cloud by_____?
A. **IaaS**
B. SaaS
C. PaaS
D. None of these

Q.152: The cloud media services are_____?
A. image processing
B. cloud gaming
C. experiencing multi- screens
D. **all of the above**

Q.153: The term 'Cloud' in cloud-computing refers to_____?
A. Cumulus Clouds
B. **The Internet**
C. A Computer
D. Thin Clients

Cloud Computing (Answer Key)

1. **D**	2. **A**	3. **B**	4. **A**	5. **B**	6. **D**	7. **A**	8. **D**	9. **C**	10. **C**
11. **A**	12. **B**	13. **D**	14. **A**	15. **D**	16. **D**	17. **D**	18. **D**	19. **B**	20. **D**
21. **C**	22. **D**	23. **D**	24. **B**	25. **C**	26. **D**	27. **A**	28. **C**	29. **A**	30. **C**
31. **D**	32. **A**	33. **D**	34. **A**	35. **B**	36. **A**	37. **A**	38. **A**	39. **B**	40. **B**
41. **C**	42. **B**	43. **C**	44. **D**	45. **B**	46. **D**	47. **A**	48. **B**	49. **D**	50. **C**
51. **B**	52. **B**	53. **D**	54. **C**	55. **A**	56. **D**	57. **B**	58. **D**	59. **D**	60. **B**
61. **C**	62. **C**	63. **B**	64. **A**	65. **A**	66. **A**	67. **A**	68. **B**	69. **C**	70. **A**
71. **D**	72. **D**	73. **B**	74. **D**	75. **B**	76. **D**	77. **A**	78. **A**	79. **D**	80. **B**
81. **B**	82. **D**	83. **A**	84. **A**	85. **C**	86. **B**	87. **A**	88. **C**	89. **A**	90. **B**
91. **B**	92. **C**	93. **D**	94. **A**	95. **A**	96. **C**	97. **A**	98. **D**	99. **C**	100. **C**
101. **D**	102. **C**	103. **A**	104. **D**	105. **D**	106. **A**	107. **B**	108. **C**	109. **C**	110. **D**
111. **C**	112. **B**	113. **D**	114. **D**	115. **D**	116. **C**	117. **A**	118. **D**	119. **D**	120. **A**
121. **A**	122. **C**	123. **B**	124. **D**	125. **D**	126. **B**	127. **A**	128. **C**	129. **A**	130. **A**
131. **D**	132. **A**	133. **C**	134. **A**	135. **B**	136. **C**	137. **C**	138. **D**	139. **D**	140. **B**
141. **A**	142. **A**	143. **A**	144. **B**	145. **B**	146. **D**	147. **B**	148. **B**	149. **A**	150. **A**
151. **A**	152. **D**	153. **B**							