Elective Subject 2 - Cloud Enterprise Developer QB
What is enterprise cloud computing?
A. Enterprise cloud is a computing environment for businesses that offer enhanced performance, reduced cost and superior security
B. Enterprise cloud is a business process that offers security for business applications
C. Enterprise cloud is a system process for private storage
D. Enterprise cloud is a business process outsourcing solution architecture

Correct Answer: OPTION A

Which of the following is not a reason for popularity?
A. Abundant virtual storage
B. Scalability
C. Security for proprietary data
D. Speed

Correct Answer: OPTION D

SOA stands for ........................
A. Service Oriented Architecture
B. System-Oriented Architecture
C. Source Oriented Architecture
D. Supply Oriented Architecture

Correct Answer: OPTION A

A web services architecture allows you to do ...............
A. Automation
B. Analytics
C. Screening
D. Analysis

Correct Answer: OPTION A and B
What differentiates a Service-Oriented Enterprise (SOE) from a traditional business model?
A. Outside-in approach  
B. Inside-out approach  
C. Inside-in approach  
D. Outside-out approach  
Correct Answer: OPTION A

ECD Stands for...........
A. Enterprise Cloud Design  
B. Enterprise CaaS Development  
C. Enterprise Case Design  
D. Enterprise Cloud Development  
Correct Answer: OPTION D

Which of the following is not a principle of Enterprise Cloud Development?
A. Embrace Cloud  
B. Implement Community Architecture  
C. Enhance service quality  
D. Codify new Processes  
Correct Answer: OPTION C

Mention the name of some large cloud providers and databases?
A. Google bigtable  
B. Amazon SimpleDB  
C. Cloud-based SQL  
D. All the above  
Correct Answer: OPTION D

Which of the following is not an open source cloud computing platform databases?
A. Windows
B. CouchDB  
C. LucidDB  
D. MongoDB  

Correct Answer: OPTION A  

Layers which define cloud architecture?  

A. Cloud SQL  
B. CLC or Cloud Controller  
C. Walrus  
D. Cluster Controller  

Correct Answer: OPTION B, C & D  

CIAM Stands for..........  

A. Cloud Identity and Access Management  
B. Cloud Information Access Management  
C. Cloud Instructional Access Management  
D. Cloud Inex Access Management  

IBM Cloud Mass Data Migration requires......  

A. IBM Cloud Mass Data Migration  
B. Network settings for remote computer  
C. Cloud transmission services  
D. Cloud adoption  

Correct Answer: OPTION A, B  

Kudu is a.........  

A. Storage for fast analytics on fast data  
B. Database for servers
C. It is an analytical tool
D. It is a software

Correct Answer: OPTION A

The procedures for Developing and deploying your apps doesn’t include.................

A. Create or enable an App
B. Code, Build and Run
C. Deploy
D. Create a database

Correct Answer: OPTION D

What is the IBM API connect?

A. It is an integrated API management offering, where all the steps in the API lifecycle, and the actions that surround it, are performed within the offering.
B. It is an integrated Cloud management
C. It is a stable platform for cloud environment
D. It is a web-based application

Correct Answer: OPTION A

What is a security gateway?

A. It is a hybrid-cloud software solution that connects cloud and on-premise resources without the need for complex security configurations.
B. It is an agile integration architecture
C. It is a go-to-market model
D. It is the SAP system

Correct Answer: OPTION A

Secure Gateway offers...........

A. Application server solution
B. System server solutions
C. Client-server solution  
D. Database server solutions  

Correct Answer: OPTION C

Secure gateway is useful when

A. A developer trying to build an application that needs to access something behind a firewall  
B. When a developer trapped inside that firewall with limited external access  
C. A distributed model of application development is failed  
D. When an enterprise compromises their firewalls with specific policies  

Answer A and B

What is Cloud Foundry?

A. It is a command for managing apps  
B. It is a dataset stored in the server  
C. It is a web-based application  
D. It is a design site  

Correct Answer: OPTION A

Which of the following is not a Cloud Foundry Command

A. api  
B. help  
C. login  
D. dat  

Correct Answer: OPTION D

A language tag is a ..................

A. UTF-8 encoding tag that designates the language  
B. SDK from Watson  
C. Language Identification procedure
D. Integrated Development Environment

Correct Answer: OPTION A

What is the scenario the IDE generally required?

A. Language support  
B. Visual programming  
C. Attitude across different platforms  
D. Out system platform

Correct Answer: OPTION B

What is Eclipse?

A. IDE  
B. Software  
C. GNU  
D. Codebase

Correct Answer: OPTION A

Eclipse is used to develop documents with LaTeX.

A. True  
B. False

Correct Answer: OPTION A

Development environment include the __________

A. Eclipse VisualAge  
B. Classpath  
C. Eclipse JDT  
D. IcedTea

Correct Answer: OPTION C

The initial codebase is originated from __________
A. IBM VisualAge
B. Equinox
C. Borland VisualAge
D. Red Hat VisualAge

Correct Answer: OPTION A

SDK stands for ________
A. Software Design Kit
B. Serial Development Kit
C. Software Development Kit
D. Serial Design Kit

Correct Answer: OPTION C

It was one of the first IDE to run under ________ and it runs without problem under IcedTea.
A. GNU General Public License
B. Both GNU Classpath, GPL
C. Neither GNU nor GPL
D. GNU Classpath

Correct Answer: OPTION D

ACM stands for ________
A. Architecture for Computing Machinery
B. Association for Computing Machinery
C. Association for Cloud Machinery
D. Architecture for Cloud Machinery

Correct Answer: OPTION B

EPL stands for ________
A. Extended Public License
B. Extended Platform License
C. Eclipse Platform License
D. Eclipse Public License

Correct Answer: OPTION D

JavaScript is also called client-side JavaScript.
A. Microsoft
B. Navigator
C. LiveWire
D. Native

Correct Answer: OPTION B

Choose the client-side JavaScript object:
A. Database
B. Cursor
C. Client
D. file upload

Correct Answer: OPTION D

Which of the following is not a cloud stakeholder?
A. Cloud providers
B. Clients
C. End users
D. Cloud users

Correct Answer: OPTION B

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

Correct Answer: OPTION D

Which of the following is not a type of cloud?

A. Private
B. Public
C. Protected
D. Hybrid

Correct Answer: OPTION C

__________ enables the migration of the virtual image from one physical machine to another.

A. Visualization
B. Virtualization
C. Migration
D. Virtual transfer

Correct Answer: OPTION B

Most of the cloud architectures are built on this type of architecture.

A. skeleton
B. grid
C. linear
D. template

Correct Answer: OPTION B

Saas stands for?

A. Software as a service
B. System Software and services
C. Software as a system
D. The system as a service
Correct Answer: OPTION A

What is Bluemix

A. Bluemix is the latest cloud offering from IBM
B. It is a System software from Microfocus
C. It is an application software from HP
D. It is a deploying application

Correct Answer: OPTION A

Which mode allows us to run the program interactively while watching source code and variables during execution?

A. safe mode
B. debug mode
C. successfully run mode
D. exception mode

Correct Answer: OPTION B

How can we move from one desired step to another step?

A. breakpoints
B. System.out.println
C. logger.log
D. logger.error

Correct Answer: OPTION A

Which part stores the program arguments and startup parameters?

A. debug configuration
B. run configuration
C. launch configuration
D. project configuration

Correct Answer: OPTION C
How to deep dive into the execution of a method from a method call?

A. F3
B. F5
C. F7
D. F8

Correct Answer: OPTION B

Which view allows us to delete and deactivate breakpoints and watchpoints?

A. breakpoint view
B. variable view
C. debug view
D. logger view

Correct Answer: OPTION A

What is debugging an application which runs on another Java virtual machine on another machine?

A. virtual debugging
B. remote debugging
C. machine debugging
D. compiling debugging

Correct Answer: OPTION B

REST stands for.................

A. Representational State Transfer
B. Rest Internal State Transfer
C. Restore State Transfer
D. Recognized State Transfer

Correct Answer: OPTION A

Node js is powerful.............
A. Client-side scripting language
B. Server-side scripting language
C. Application source
D. Data source

Correct Answer: OPTION B

NPM Stands for..............

A. Node Package Manager
B. Node Picasa Manager
C. Node Private Media
D. Node Practice Manager

Correct Answer: OPTION A

VPN stands for ..............

A. Visual Private Network
B. Vasel Private Network
C. Virtual Propositional Network
D. Virtual Private Network

Correct Answer: OPTION D

Bluemix consists of............

A. Applications
B. Services
C. Build packs
D. All the above

Correct Answer: OPTION D

SIEM Stands for........................

A. Security Information and Event Management
B. Security Information and Edge Management
C. Security Information and Event Measurement
D. Security Instances and Event Management

Correct Answer: OPTION A

PPTP Stands for ..............................

A. Point to Point Tunneling Protocol
B. Point of Position Tunneling Protocol
C. Part to Part Tunneling Protocol
D. Present to Part Tunneling Protocol

Correct Answer: OPTION A

DEA Stands for.........................

A. Design Execution Analysis
B. Design Execution Agent
C. Droplet Execution Agent
D. Donor Execution Agent

Correct Answer: OPTION C

What is BlazeMeter?

A. It is the server name
B. It is an application server
C. It is a server
D. It is a self-service, web, API mobile load testing platform

Correct Answer: OPTION D

Reappt is the latest cloud-based data distribution solution by ...............
Which of the following is not an objective of Enterprise Cloud Development?

A. Simplify and provide a centralized approach to managing the new “wild west” of software development — hybrid methods, tools of choice, best-of-breed, open source and clouds.

B. Establish an open, social and collaborative culture for software build and deploy.

C. Eliminate waste and leverage the value of asset reuse.

D. Enhance the speed of data processing

Correct Answer: OPTION D

When you migrate a service instance from a Cloud Foundry org and space to a resource group..........

A. A new linked service instance is created in the resource group

B. An existing service instance is used in the resource group

C. No service instances are required

D. There is no compulsion to create a service instance

Correct Answer: OPTION A

What are variables used for in JavaScript Programs?

A. Storing numbers, dates, or other values

B. Varying randomly

C. Causing high-school algebra flashbacks

D. None of the above

Correct Answer: OPTION A

What should appear at the very end of your JavaScript?

The <script LANGUAGE="JavaScript">tag

A. The </script>

B. The <script>

C. The END statement

D. None of the above
Correct Answer: OPTION A

_____ tag is an extension to HTML that can enclose any number of JavaScript statements.
A. <SCRIPT>
B. <BODY>
C. <HEAD>
D. <TITLE>

Correct Answer: OPTION A

What is the correct JavaScript syntax to write "Hello World"?
A. System.out.println("Hello World")
B. println ("Hello World")
C. document.write("Hello World")
D. response.write("Hello World")

Correct Answer : OPTION C

The syntax of Eval is ________________
A. [objectName.]eval(numeriC.
B. [objectName.]eval(string)
C. [EvalName.]eval(string)
D. [EvalName.]eval(numeriC.

Correct Answer : OPTION B

_______________ is a paradigm of distributed computing to provide the customers on-demand, utility-based computing service.
A. Remote Sensing
B. Remote Invocation
C. Cloud Computing
D. Private Computing

Correct Answer: OPTION C

What happens when the value of variable change?
A. changed value pop on the screen
B. variable changes are printed in logs
C. dump of variable changes are printed on the screen on end of execution
D. variable tab shows variables highlighted when values change

Correct Answer: OPTION D

What are the activities you can do in Eclipse?

A. Create generic projects
B. Edit files in a generic text editor
C. Share files and project in a CVS server
D. All the above

Correct Answer: OPTION D

Which of the following is/are the features of Bluemix?

A. Manageability of Services and Applications
B. Optimized and elastic workloads
C. Continuous availability
D. Predictive analytics

Correct Answer: OPTION A, B and C

Which of the following is not a category of Bluemix Services?

A. Boilerplates
B. Runtimes
C. System Administration
D. System Analysis

Correct Answer: OPTION A, B

How is data organized in IBM Cloud Object Storage?

A. Information stored in IBM Cloud Object Storage is encrypted and dispersed across multiple geographic locations.
B. Information stored in IBM Cloud Object Storage is partitioned and handled
C. It is maintained in the form of ‘Objects’
D. Information is managed on cloud with private storage

Correct Answer: OPTION A

A developer can interact with the Bluemix infrastructure by using a ........
A. Server-based interface
B. Browser-based interface
C. System based interface
D. Procedure based interface
Correct Answer: OPTION B

In Bluemix, an application represents ................
A. The artefact that a developer is building
B. The code that a developer is writing
C. The instance that a developer is developing
D. The load that a virtual machine is carrying
Correct Answer: OPTION A

A service is a/an...............that is hosted by Bluemix
A. Cloud Extension
B. Load balancer
C. System feature
D. An app
Correct Answer: OPTION A

A buildpack gathers........... and...............dependencies of an app
A. Droplet and pack
B. Runtime and framework
C. Containers and runtime
D. Runtime and Droplet
Bluemix does not provide the following operational security?

A. Vulnerability Scan
B. Automated fix management
C. Audit Log consolidation
D. Segregation of duties within the framework

Cloudant NoSQL DB is compatible with.............

A. CouchDB
B. ClearDB
C. CaseDB
D. CafDB

A program running on a server machine is called

A. Web server
B. Web application
C. Web process
D. Web program

Communication between the application program and a database server takes place through

A. ODBC
B. JDBC
C. HTTP
D. ODBC OR JDBC
Which of the following platforms is used for large scale cloud computing?

A. Apache Hadoop
B. MapReduce
C. Web app
D. HTTP

Correct Answer: OPTION A&B

A _________ role is a virtual machine instance running the Microsoft IIS Web server that can accept and respond to HTTP or HTTPS requests.

A. Web
B. Server
C. Worker
D. Client

Correct Answer: OPTION A

Which of the following type is not supported by workspaces in Acrobat?

A. audio
B. pdf
C. word
D. all the mentioned

Correct Answer: OPTION A

_____________ is a collection of integrated applications that are packaged within a complete desktop environment.

A. TransMedia
B. Safari
C. Glide Digital
D. All the mentioned

Correct Answer: OPTION C
Which of the following standard business application is supported by Glide?

1. Presenter
2. Crunch
3. Calendar
4. All the mentioned

Correct Answer: OPTION D

Where are captured values are populated regarding route parameters?

A. req.params object
B. app.locals object
C. req.data object
D. local.net object

Correct Answer: OPTION A

How can we create chainable route handlers for a route path in ExpressJS app?

A. Using app.routing()
B. Using app.router()
C. app.locals object
D. Using app.route()

Correct Answer: OPTION D

In ExpressJS, the method app.all(path, callback [, callback ...]) can accept all HTTP methods

A. True
B. False

Correct Answer: OPTION A

Which statement executes the code of sample.js file?

A. nodejs sample.js
B. node sample.js- Ans
C. sample.js
D. `app.router()`

Correct Answer: OPTION B

Which of the following office applications allows users to create, modify, share, and work on documents collaboratively by Google?

A. Google Docs  
B. GDocs  
C. Gdrive  
D. None of the mentioned

Correct Answer: OPTION A

Which of the following command starts a REPL session?

A. `$ node`  
B. `$ node start`  
C. `$ node repl`  
D. `$ node console`

Correct Answer: OPTION A

How to install tomcat server using command line in Ubuntu?

A. Step 1 `sudo apt update`  
Step 2 `sudo apt install default-jdk` –  
Step 3 `tar xzf apache-tomcat-9.0.30.tar.gz`  
Step 4 `cd cd apache-tomcat-9.0.30/bin`  
Step 5 `./startup.sh`

B. Step 1 `sudo apt update`  
Step 2 `sudo apt install default-jdk` –
Step 3 wget http://apachemirror.wuchna.com/tomcat/tomcat-9/v9.0.30/bin/apache-tomcat-9.0.30.tar.gz

Step 4 cd cd apache-tomcat-9.0.30/

Step 5 ./startup.sh

C. Step 1 sudo apt update

Step 2 sudo apt install default-jdk –

Step 3 wget http://apachemirror.wuchna.com/tomcat/tomcat-9/v9.0.30/bin/apache-tomcat-9.0.30.tar.gz

Step 4 tar xzf apache-tomcat-9.0.30.tar.gz

Step 5 cd cd apache-tomcat-9.0.30/bin

Step 6 ./startup.sh

D. Step 1 sudo apt update

Step 2 sudo apt install default-jdk –

Step 3 ./startup.sh

Correct Answer: OPTION C

Which is the default port of tomcat server?

A. 8080

B. 8081

C. 8180

D. 9090

Correct Answer: OPTION A
How to install eclipse IDE and run in Ubuntu?

A. Step 1 sudo apt update
Step 2 sudo apt install -y wget
Step 3 sudo apt install -y openjdk-8-jdk
Step 4 wget
Step 5 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz
cd eclipse-jee-2019-12-R-linux-gtk-x86_64/
Step 6 cd eclipse/ ./eclipse

B. Step 1 sudo apt update
Step 2 sudo apt install -y openjdk-8-jdk
Step 3 wget
Step 4 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz
cd eclipse-jee-2019-12-R-linux-gtk-x86_64/

C. Step 1 sudo apt update
Step 2 sudo apt install -y wget
Step 3 sudo apt install -y openjdk-8-jdk
Step 4 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz
cd eclipse-jee-2019-12-R-linux-gtk-x86_64/
Step 5 cd eclipse/ ./eclipse

D. Step 1 sudo apt update

Step 2 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz

cd eclipse-jee-2019-12-R-linux-gtk-x86_64/

Step 3 cd eclipse/ ./eclipse

Correct Answer: OPTION A

Which file is used to change Apache server port address?

A. Eclipse.ini

B. Server.xml

C. Artifacts.xml

D. Eclipse

Correct Answer: OPTION B

Tomcat is not an open source

A. True

B. False

Correct Answer: OPTION B

Eclipse is open source

A. True

B. False
Requirement of eclipse installation

A. Open JDK
B. LAMPP
C. MYSQL
D. HOME

ANSWER A

How to run apache tomcat server

A. ./startup.sh and Open localhost:WAR
B. ./startup.sh and Open localhost
C. ./startup.sh and Open localhost:index.html
D. ./startup.sh and Open localhost:8080

Correct Answer: OPTION D

Apache server listen default address?

A. 127.0.0.1:8111
B. 127.0.0.1:8081
C. 127.0.0.1:9090
D. 127.0.0.1:8080

Correct Answer: OPTION D
Which version is latest version of Apache Tomcat server

A. 9.0.30
B. 8.5.0
C. 9.1.0
D. 9.2.0

Correct Answer: OPTION A

Which file is used to configure users in tomcat

A. Tomcat-user.xml
B. Tomcat-web.xml
C. Catalina.xml
D. Node of the above

Correct Answer: OPTION A

What are the activities you can do in eclipse

A. Create generic projects
B. Edit files in a generic text editor
C. Configure Server
D. All of the Above

Correct Answer: OPTION D
What is the use of java build path
   A. Add remove projects
   B. Add remove libraries
   C. Add remove source
   D. All of the above
Correct Answer: OPTION  D

To run tomcat server in OS, compulsory require internet?
   A. True
   B. False
   C. Wrong Statement
Correct Answer: OPTION  B

How to reset eclipse IDE
   A. Windows – Perspective – Reset Perspective
   B. Editor Clone
   C. Navigation show view menu
   D. Project Clean
Correct Answer: OPTION  A

What is the use of eclipse preference
   A. All integration configuration
B. Server configuration

C. Web Configuration

D. Project Configuration

Correct Answer: OPTION A

What is the use of facet

A. Facets define characteristics and requirements for Java EE projects and are used as part of the runtime configuration.

B. Facets define characteristics and requirements for Apache EE projects and are used as part of the runtime configuration.

C. A and B

D. None of the above

Correct Answer: OPTION A

For executing web file in apache where we save

A. Src/webapp

B. Target

C. Java resources

D. Deployed resources

Correct Answer: OPTION A

How to update eclipse
A. Help – check updates
B. Help – about eclipse
C. Help – Install new software
D. Help – Perform setup task
Correct Answer: OPTION A

How many servers we can add in eclipse
A. One
B. Two
C. Three
D. Multiples
Correct Answer: OPTION D

Which option is used to import project from external source
A. New File
B. New Project
C. Import
D. Export
Correct Answer: OPTION C

Which file is used for web project deployment?
A. Java Archive File
B. Web Archive File

C. Extendable Mark File

D. Html File

Correct Answer: OPTION B

Which shortcut key used to run project

A. CTRL + F10

B. CTRL + F5

C. CTRL + F11

D. F5

Correct Answer: OPTION C

Which shortcut key used to DEBUG project

A. F11

B. SHIFT+CTRL+F11

C. CTRL+F11

D. SHIFT+F11

Correct Answer: OPTION A

EAR meaning?

A. Enterprise Archive File

B. Express Archive File
C. Eternal Archive File

D. Extended Archive File

Correct Answer: OPTION  A

How to create new dynamic project in eclipse

   – Next – Next – check Generate web.xml – finish

B. File – New – Web Service – Project Name – finish

C. File – New – EJB Project – Project Name – Next – check Generate web.xml - finish

D. File – New – Index.html – Project Name – Select target runtime – select version – Next –
   Next – check Generate web.xml - finish

Correct Answer: OPTION  A

Only Java files can import in eclipse after import.

A. TRUE

B. FALSE

Correct Answer: OPTION  B

Is it possible to run application remotely

A. YES

B. NO

C. Wrong statement
Correct Answer: OPTION A

How to create java documentation in eclipse

A. Project – Generate Javadocs – set path – add directory – finish
B. Run – Generate Javadocs – set path – add directory – finish
C. Not possible to generate docs
D. File – Generate Javadocs – set path – add directory – finish

Correct Answer: OPTION A

How to clean project

A. Help clean
B. Run clean
C. File clean
D. Project clean

Correct Answer: OPTION D

What gives flexibility to build once and move applications without need to redeploy or rewrite their code

A. Box
B. Can
C. Container
Among the following, on which technology IBM containers are built

A. Dolphin
B. Docker
C. Daffodil
D. Tomcat

ANSWER. B

Which of the service models provides efficient environment for analytics, big data and security services

A. IaaS
B. PaaS
C. SaaS
D. None of the mentioned

ANSWER. B

New generation portable and distributed applications can be built using Dockers under

A. Cloud Container
B. Cloud Forgery
C. Cloud Box
D. Cloud Foundary

ANSWER. D

What is full form of IBM backend architecture BFF, used for client facing web app or mobile app

A. Backend for Foundary
B. Backend for Frontend
C. Back for Front
D. Back to Foundary

ANSWER. B

What can help support an application with multiple clients while at the same time moving the system into a less-coupled state than a monolithic system

A. Backend for Frontend
B. Docker
C. Container
D. None of the mentioned

ANSWER. A

What type of architecture can scale rapidly and allow quick iterations

A. Macroservices
B. Microservices
C. Monolithic Service
D. None of the mentioned

ANSWER. B

Microservices architecture allow deployment over which of following service(s)
A. Cloud Foundary
B. Kubernetes
C. DevOps
D. All of the mentioned

ANSWER. D

Which services can be added to microservices architecture under DevOps
A. Watson
B. MongoDB
C. Automated tests
D. All of the mentioned

ANSWER. D

Each Backend for Frontend calls upon the necessary services that are requested by the

__________
A. Backend
B. Frontend
What is API among following

A. Abstract Programming Interface
B. Application Programming Interface
C. Application Programming Interconnection
D. Abstract Programming Interleaving

ANSWER. B

Which is/are essential components of an API

A. Provider
B. Developer
C. User
D. All of the mentioned

ANSWER. D

Which formats are typically used by REST API

A. JSON
B. XML
The organisation that owns API and the associated plans is called

A. Developer Organisation
B. Provider Organisation
C. User Group
D. None of the mentioned

ANSWER. B

The organisation that owns any applications using APIs

A. Provider Organisation
B. User Group
C. Developer Organisation
D. None of the mentioned

ANSWER. C

The collection of developer organisations is called

A. Group
B. Community
C. Programmers
While developing and maintaining APIs, members of a provider organization can create separate deployment targets called as

A. Environment for testing
B. Environment for production
C. Both environments for testing and production
D. Environment for Developers

ANSWER. C

Which tool provides means to configure capability such as security, logging, caching, routing of requests to target services, and transformation of data from one format to another

A. Sandboxes
B. Environments
C. Policies
D. Events

ANSWER. C

What provides a collection of resources or operations Which is NOT a feature of IBM Kubernetes cluster service

A. Self healing
B. Logging and monitoring
C. Secure cluster
D. Partially managed at scale

ANSWER. D

Which is/are features of Containers in IBM cloud
A. Continuous Integration
B. Continuous Delivery
C. Faster Deployment
D. All of the mentioned

ANSWER. D

Absence of which component creates main difference between Containers and VMs
A. Application
B. OS
C. Code Libraries
D. Application Dependencies

ANSWER. B

Which feature is most essential to migrate modern applications to cloud
A. Lightweight architecture
B. Easy deployment
C. Tested application code
D. Containerization

ANSWER. D

Methodology to manage large volume of containers through their lifecycle

A. Containerization
B. Clustering
C. Orchestration
D. None of the mentioned

ANSWER. C

Group structures used to create and run Kubernetes workload

A. Class
B. Grains
C. Cluster
D. Container

ANSWER. C

How many master node components can be there in Kubernetes cluster

A. One
B. Two
C. Three
D. Four
Role of master Kubernetes node include which of following

A. Assign CIDR Block
B. Health Monitoring
C. Node Controlling
D. All of the mentioned

A package that contains application code and its dependencies, allowing it to run from one environment to another

A. Container
B. IDE
C. Cloud Foundary
D. None of the mentioned

Docker containers run inside a special environment with secure execution and scaling called as

A. Docker Deck
B. Docker Stage
C. Docker Platform
D. Docker Engine

ANSWER. D from one or more APIs, and is published to communities of application developers

A. Policy

B. Plan

C. Environment

D. None of the mentioned

ANSWER. B

What online supports are available in API Management on IBM Cloud

A. IBM API Management developer community

B. IBM API Management on Cloud product documentation

C. IBM API Management tutorials

D. All of the mentioned

ANSWER. D

What is referred as address of API or service in an environment

A. IP

B. Community

C. Endpoint

D. Gateway

ANSWER. C
A piece of information that is used together with the application key to verify the identity of an application

A. Client ID
B. Client Secret
C. Client Password
D. Client Name

ANSWER. B

Application programming interface that forwards requests to a user-defined back-end resource and relays responses back to the calling application

A. Proxy
B. Policy
C. Client ID
D. Server

ANSWER. A

A service that tracks users and their authentication

A. User ID
B. User Registry
C. User Directory
D. User Manager

ANSWER. B
API security configuring requires

A. Creating security scheme
B. Apply one or more security scheme to API
C. Optionally, specify type of security scheme to be inherited by API
D. All of the mentioned

ANSWER. D

What allows embedded scripts in a web page to call the API across domain boundaries

A. Cross Boundary Sharing
B. Cross Origin Resource Sharing
C. API Sharing System
D. None of the mentioned

ANSWER. B

Which service allows you to view the number of calls for an API and the average response times

A. API Statistics
B. API Manager
C. API Analytics
D. API Event Records

ANSWER. A
Which service allows to view all API execution data

A. API Statistics
B. API Analytics
C. API Event Record
D. API Notification

ANSWER. C

API Notification service provides solution for

A. Failures Alerts
B. Executions Alerts
C. Usage Alerts
D. All of the mentioned

ANSWER. D

Why tags are useful in API management

A. Searching
B. Identification of Operations
C. Both Searching and Identification of operations
D. None of the mentioned

ANSWER. C
Who can gather analytics data about API, Plan, and application usage from developer portal

A. Any Developer
B. Developer within community
C. Any manager
D. None of the mentioned

ANSWER: B

Which API calls allow developer from developer's portal to manage APIs

A. Any API
B. REST
C. JSON
D. Native API

ANSWER: B

From where you can purchase IBM API management on cloud

A. IBM Cloud Marketplace
B. IBM Cloud Bluemix
C. IBM Cloud Repository
D. Both IBM Cloud Marketplace and Bluemix

ANSWER: D

Number of API calls per month are selected in multiples of
A. one million  
B. one billion  
C. ten million  
D. hundred thousand  
ANSWER. A

Who can perform same tasks as the organisation owner himself  
A. Organisation User  
B. Developer  
C. API Manager Administrator  
D. Product Manager  
ANSWER. C

This is not a prerequisite to deploying a tomcat in IBM?  
A. GIT  
B. Maven  
C. MongoDB  
D. Apache Tomcat version 8  
Correct Answer: OPTION C

Which is the first step in setting up Tomcat?  
A. Adding a database
B. Cloning the sample app

C. Deploying the app

D. Run the app locally

Correct Answer: OPTION B

What is the first step before running the application locally?

A. Create a .war file

B. Installing a database

C. Accessing the URL

D. Installing the dependencies

Correct Answer: OPTION D

Which of the following methods are used to delete a service instant?

A. IBM cloud user interface

B. IBM cloud CLI

C. Resource controller Rest API

D. All of the mentioned

Correct Answer: OPTION D

To access IBM analytics engine resources which are the access permissions not required?

A. Platform level

B. Service level
To delete a service what permission is required?

A. Resource group level  
B. Service level  
C. Platform level  
D. Application-level  
Correct Answer: OPTION A

Which role should you have to delete a service?

A. Editor  
B. Administrator  
C. Editor or administrator  
D. Editor and administrator  
Correct Answer: OPTION C

Where should you navigate to delete an instance?

A. Documents  
B. IBM cloud dashboard  
C. Catalog
What is IBM cloud DevOps insights?

A. IBM Cloud DevOps Insights is a cloud-based solution that provides comprehensive insights from continuous integration and continuous delivery tools to increase the speed, quality, and control of your applications.

B. DevOps Insights collects and analyzes the results from unit tests, functional tests, and code coverage tools to determine whether your code meets predefined criteria at specified gates in your deployment process.

C. If code does not meet or exceed the criteria, the deployment is stopped to prevent risks from being released.

D. All of the mentioned

Correct Answer: OPTION D

Which one of the statement is not correct in case of DevOps insights?

A. It collects and analyzes the results from unit tests, functional tests, and code coverage tools.

B. It doesn’t stop the deployment even if there are issues with the code.

C. If code doesn’t meet the criteria it stops the deployment.

D. You can add the DevOps Insights tool integration to your DevOps toolchain.

Correct Answer: OPTION B

Choose the correct statement for DevOps insights.
A. This tool integration is available only on the public IBM Cloud.

B. It is preconfigured and does not require any configuration parameters.

C. You can’t reconfigure this tool integration.

D. It is not preconfigured and does require configuration parameters.

Correct Answer: OPTION D

In IBM cloud when DevOps tool chain option will appear?

A. After creating the app and clicking on Deploy your app and following the steps for configuring a DevOps toolchain.

B. DevOps tool chain option is available by default and has nothing to do with the app creation.

C. DevOps tool chain works only with IBM virtual machines.

D. Something else.

Correct Answer: OPTION A

DevOps tool chain allows ________________?

A. To add custom add a user defined layer.

B. Not to validate the code.

C. Use of predefined fixed layer.

D. Something else.

Correct Answer: OPTION A
For which location DevOps insight is not available?

A. Dallas
B. London
C. Frankfurt
D. India.

Correct Answer: OPTION D

After creating an App using IBM cloud foundry, how do you access DevOps?

A. From Overview options
B. Runtime
C. Connections
D. Continuous delivery

Correct Answer: OPTION D

In IBM cloud foundry DevOps continuous delivery is_____________?

A. Enabled by default
B. To be enabled from overview section
C. Not available
D. Something else

Correct Answer: OPTION B

Continuous delivery is enabled for a app in Ibm cloud foundry to make available of_______.

A. Automate builds, tests, and deployments through the Delivery Pipeline, GitHub, Eclipse.

B. Automate application test only

C. It provides only GitHub

D. Something else

Correct Answer: OPTION A

Which one of the following is not a part of DevOps?

A. Continuous Delivery and the Delivery Pipeline

B. Create and configure stages and jobs in Delivery Pipeline

C. Worldwide deployment, synchronization/replication between regions

D. Continuous Integration, Continuous Deployment, and Continuous Delivery

Correct Answer: OPTION C

Deploying the application in IBM Cloud

Easy

What are benefits that resource groups have over Cloud Foundry organizations and spaces?

A. Developers can create their own spaces in a resource group.

B. It is possible to see a break-down of billing in a Resource Usage Silo.

C. Resource groups allow access to external developers via affiliated clouds.

D. Administrators have more fine-grained access control using Identity Access Management and they give the ability to connect

Correct Answer: OPTION D

Which one is not a correct way to deploy an application on IBM cloud?
A. Using cloud foundry services
B. Using Virtual Machine
C. Using IBM cloud CLI
C. Using EC2 instance
Correct Answer: OPTION D

According to the Twelve-Factor App methodology, where is the best place to store "config"?
A. In yaml files
B. In environment variables
C. In a declaration manifest
D. In environment-specific configuration files
Correct Answer: OPTION B

Which metric type is available for a Node.js application while defining the auto-scaling policy?
A. Memory
B. Response time
C. Number of CPU cores
D. Application Instances count
Correct Answer: OPTION A

What is an advantage of using managed services in IBM cloud Platform as a Service (PaaS)?
A. The IBM cloud determines the application logic and provides test data.
B. The user can schedule when software maintenance occurs and what operating system is used.

C. The service instance is automatically provisioned and access credentials are provided to the application.

D. The user is able to manage the bare metal servers where their application runs.

Correct Answer: OPTION C

Which is a feature provided for both Managed service instances and User-provided service instances in IBM Cloud Foundry service?

A. Binding the service instance to an application.

B. Automatic encryption of service instance metadata.

C. Instance lifecycle management via the Cloud Controller.

D. Automatic creation of service instances during application deployment.

Correct Answer: OPTION A

What two items are managed by the developer in a Platform as a Service (PaaS) service model?

A. data and networking

B. operating system

C. application

D. Storage

Correct Answer: OPTION A

y need web.xml file
A. Root configuration
B. Project mapping
C. Value setting
D. All of the above

Correct Answer: OPTION D

To export project – which type is supported from below list

A. EAR
B. JAR
C. Archive
D. ALL

Correct Answer: OPTION D

Using eclipse we can import any type of file in our project

A. YES
B. NO

Correct Answer: OPTION A

Eclipse support design and source window

A. True
B. False

Correct Answer: OPTION A
Eclipse use is limited for apache tomcat only

A. True
B. False

Correct Answer: OPTION B

What is the use of eclipse marketplace

A. Package Exploration
B. Package Installation
C. Package Updating
D. All of the above

Correct Answer: OPTION D

Select correct statement

A. Eclipse support multiple project environment
B. Eclipse does not support multiple project environment
C. Eclipse support at a time one project environment
D. Eclipse support only two project environment

Correct Answer: OPTION A

Select correct statement

A. Eclipse support oracle database system
B. Eclipse support open source database system

C. Eclipse support MySQL database system

D. All of above

Correct Answer: OPTION  D

What is the use of project facets

A. Module configuration

B. Database configuration

C. Project Updating

D. All of above

Correct Answer: OPTION  A

Which applications are not supporting in eclipse

A. IoT

B. Web Service

C. Mavan

D. Wrong statement

Correct Answer: OPTION  D

Eclipse support third party tools

A. True

B. False
Cloud migration is the process of relocating an organization's data, applications, and workloads to a cloud infrastructure.

A. True

B. False

Correct Answer: OPTION A

Point out the correct statement.

A. The cloud turns physical systems into virtual systems

B. The printing service decided to eliminate infrastructure and streamline the process

C. The first stage in the redeployment is to eliminate the local processing associated with the scanning machines

D. None of the mentioned

Correct Answer: OPTION A

Why cloud migration use

A. Security and scalability

B. Cost effectiveness

C. Accelerated adoption

D. All of above

Correct Answer: OPTION D
Cloud migration tools are related to

A. IaaS
B. Saas
C. Paas
D. All of above

Correct Answer: OPTION D

Which of the following is a second level cloud attribute in relation to Platform Features?

A. Development environment
B. Programming language support
C. Deployment technology
D. All of the mentioned

Correct Answer: OPTION D

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
Cloud migration is depend on size of network and data
A. True
B. False

Correct Answer: OPTION B

Which factor is impact in cloud migration decision
A. Cost
B. Service
C. Maintenance
D. Knowledge

Correct Answer: OPTION A

Which is a challenge in cloud migrations
A. IaaS
B. SaaS
C. Integration
D. Backup

Correct Answer: OPTION C

Containers are used in cloud migrations
A. True

B. False

Correct Answer: OPTION  A

What is toolchains? Select correct definition

A. A toolchain is a set of tool integrations that support development, deployment, and operations tasks.

B. A toolchain is only support development and operations tasks.

C. A toolchain is only deployment, and operations tasks.

D. A toolchain is a set of tool integrations and development tasks.

Correct Answer: OPTION  A

Which toolchain is a free with lite plan available in IBM cloud

A. Cloud Foundry

B. Kubernet App

C. Microservices

D. All

Correct Answer: OPTION  A

How to deploy application in IBM cloud- select correct one.

A. Step 1: Clone the sample app

Step 2: Run the app locally
Step 3: Prepare the app for deployment

Step 4: Deploy the app

B. Step 1: Clone the sample app
Step 2: Prepare the app for deployment
Step 3: Run the app locally
Step 4: Deploy the app

C. Step 1: Clone the sample app
Step 2: Prepare the app for deployment
Step 3: Deploy the app

D. None of the above

Correct Answer: OPTION A

Select steps to create app using starter kit – select sequence

A. Step 1 Go to the App Development console, and select a starter kit to view details about it.
Step 2 Enter a name for your app, and select a resource group.
Step 3 Select App Type and Language – Create.

B. Step 1 Go to the App Development console, and select a starter kit to view details about it.
Step 2 Select a resource group.
Step 3 Select App Type – Create.

C. Step 1 Enter a name for your app, and select a resource group.
Step 2 Select App Type and Language – Create.
Step 3 Push App
D. None of above

Correct Answer: OPTION A

How to deploy app using basic command line – select sequence

A. ibmcloud login
   ibmcloud target --cf
   ibmcloud cf

B. ibmcloud login
   ibmcloud target --cf
   ibmcloud cf push

C. ibmcloud login
   ibmcloud target
   ibmcloud cf push

D. ibmcloud login
   ibmcloud target 0
   ibmcloud cf push

Correct Answer: OPTION B

Which command use to view deployment status – select sequence

A. ibmcloud cf --apps

B. ibmcloud --cf apps

C. ibmcloud cf-- apps--
How to create toolchain for simple web app – select sequence

A. Step 1. Create a toolchain for your new app
   Step 2. Create a simple web page
   Step 3. Create a manifest
   Step 4. Deploy and open the app
   Step 5. Commit your changes to the repo

B. Step 1. Create a toolchain for your new app
   Step 2. Create a simple web page
   Step 3. Deploy and open the app
   Step 4. Commit your changes to the repo

C. Step 1. Create a toolchain for your new app
   Step 2. Create a simple web page
   Step 3. Create a manifest
   Step 4. Deploy and open the app

D. Step 1. Create a toolchain for your new app
   Step 2. Create a manifest
   Step 3. Deploy and open the app
   Step 4. Commit your changes to the repo

Correct Answer: OPTION  A
How to create cloudant database in IBM cloud

A. Step 1 Select Create resource.
   Step 2 Search for IBM Cloudant, and select the service.
   Step 3 For Available authentication methods, select Use both legacy credentials and IAM.
   Click Create to create the service.

B. Step 1 Select Create resource.
   Step 2 Search for IBM database, and select the sql service.
   Step 3 For Available authentication methods, select Use both legacy credentials and IAM.
   Click Create to create the service.

C. Step 1 Select Create resource.
   Step 2 Search for IBM Cloudant, and select the service.
   Step 3 For Available authentication methods, select Use default and IAM. Click Create to create the service.

D. None of above

Correct Answer: OPTION A

Which are the prerequisites to test application in IBM Cloud

A. You must have an IBM Cloud account.
   A GitHub account.
   Verify the toolchains and tool integrations that are available in your region and IBM Cloud environment.

B. You must have an IBM Cloud account.
Verify the toolchains and tool integrations that are available in your region and IBM Cloud environment.

A Cloud Foundry Organization and Space to deploy your application.

C. You must have an IBM Cloud account.

A GitHub account.

Verify the toolchains and tool integrations that are available in your region and IBM Cloud environment.

A Cloud Foundry Organization and Space to deploy your application.

D. You must have an IBM Cloud account.

A GitHub account.

Verify the toolchains and tool integrations that are available in your region and IBM Cloud environment.

Correct Answer: OPTION  C

How to delete service instance from ibm cloud using command line

A. Step 1 Navigate to the IBM Cloud dashboard and select the IBM Cloud service instance you want to delete.

Step 2 From the service instance's Action menu, choose 'Delete Service'.

B. Step 1 Navigate to the IBM Cloud dashboard and select the IBM Cloud service instance you want to delete.

C. Step 1 From the service instance's Action menu, choose 'Delete Service'.

D. ibmcloud resource service-instance-delete <service_instance_name>

Correct Answer: OPTION  D
Which is NOT a feature of IBM Kubernetes cluster service

A. Self healing
B. Logging and monitoring
C. Secure cluster
D. Partially managed at scale

ANSWER. D

Which is/are features of Containers in IBM cloud

A. Continuous Integration
B. Continuous Delivery
C. Faster Deployment
D. All of the mentioned

ANSWER. D

Absence of which component creates main difference between Containers and VMs

A. Application
B. OS
C. Code Libraries
D. Application Dependencies

ANSWER. B
Which feature is most essential to migrate modern applications to cloud

A. Lightweight architecture
B. Easy deployment
C. Tested application code
D. Containerization

ANSWER. D

Methodology to manage large volume of containers through their lifecycle

A. Containerization
B. Clustering
C. Orchestration
D. None of the mentioned

ANSWER. C

Group structures used to create and run Kubernetes workload

A. Class
B. Grains
C. Cluster
D. Container

ANSWER. C

How many master node components can be there in Kubernetes cluster
A. One

B. Two

C. Three

D. Four

ANSWER: A

Role of master Kubernetes node include which of following

A. Assign CIDR Block

B. Health Monitoring

C. Node Controlling

D. All of the mentioned

ANSWER: B

A package that contains application code and its dependencies, allowing it to run from one environment to another

A. Container

B. IDE

C. Cloud Foundary

D. None of the mentioned

ANSWER: A
Docker containers run inside a special environment with secure execution and scaling called as

A. Docker Deck
B. Docker Stage
C. Docker Platform
D. Docker Engine

ANSWER. D

Which option is used to load any project into eclipse IDE

A. Include
B. Import
C. Export
D. None of the mentioned

ANSWER. B

Which is proper sequence to import existing maven project in eclipse IDE

A. File>Maven>Import>Existing maven project
B. File>Export>Maven>Existing maven project
C. File>Import>Maven>Existing maven project
D. File>Import>General>Maven Project

ANSWER. C
If local repository has missing dependencies, then

A. You need to download required dependencies manually

B. Dependencies can be ignored

C. Dependencies are not at all required

D. Eclipse will download dependencies automatically

ANSWER. D

Which tab shows Maven project related problems

A. Maven Tab

B. Markers Tab

C. Error Tab

D. Warning Tab

ANSWER. B

What does it mean if you see an error with description: "Project configuration is not up-to-date with pom.xml"

A. Eclipse needs to be updated

B. pom.xml needs to be updated

C. entire project needs to be updated

D. None of the mentioned

ANSWER. B
What action can be taken if you see an error with description: "Project configuration is not up-to-date with pom.xml"

A. Right click on project and select upgrade
B. Right click on project and select build
C. Right click on project and select run configuration
D. Right click on project and select Maven>Update project

ANSWER: D

How run maven project from eclipse IDE

A. Run>Build
B. Run>Run Configuration
C. Run>Start
D. Run>Run As..

ANSWER: B

Which type is selected to run maven projects

A. J2EE
B. General
C. Maven Builds
D. Tomcat

ANSWER: C
Which option is selected among following in run configuration

A. Output Debug
B. Threads
C. Skip Test
D. Update Snapshots

ANSWER. A

Which tab in run configuration is used to add arguments

A. Main
B. Source
C. Environment
D. JRE

ANSWER. D

Which arguments values are provided to run configuration

A. JRE
B. Main
C. VM
D. Source

ANSWER. C

During execution, warning messages are seen in which tab
A. Error
B. Console
C. Problem
D. None of the mentioned

ANSWER. C

To stop execution, the red terminate button can be found in ______ tab

A. Problem
B. Console
C. Declaration
D. None of the mentioned

ANSWER. B

After successful run, configuration is added to toolbar for

A. change if required later
B. faster access to launch
C. to hide from changing again
D. None of the mentioned

ANSWER. B

Which button can be used to stop running project

A. Stop
B. Run
C. Terminate
D. Exit

ANSWER. C

What is colour of terminate button
A. Green
B. Black
C. Grey
D. Red

ANSWER. D

Which button is used to run project directly with defined or default configuration
A. Start
B. Begin
C. Run
D. Execute

ANSWER. C

Which option(s) is/are available in import project dialog window
A. check out maven projects from SCM
B. existing maven projects
C. materialize maven project from SCM

D. All of the mentioned

ANSWER. D

To complete the import task after dependencies are downloaded & warning appears, which button is clicked

A. Start
B. Run
C. Resolve All Later
D. Resolve All

ANSWER. D

Where do you find problems related to project at time of import

A. Markers Tab
B. Problem Tab
C. Error Tab
D. Warning Tab

ANSWER. A

Which option is selected by right clicking issues to perform fixing

A. Auto Fix
B. Manual Fix
C. Quick Fix
D. None of the mentioned

ANSWER. C

On which real factor the import related issues depends

A. datatype
B. archetype
C. softwaretype
D. All of the mentioned

ANSWER. B

What is essential to run maven projects in eclipse

A. project dependencies
B. environment configuration
C. eclipse IDE
D. All of the mentioned

ANSWER. D

What are -Xms256m and -Xmx2G arguments in JRE setup configuration

A. Minimum and Maximum Heap Size
B. Minimum and Maximum program variables
C. Maximum and Minimum buffer size
D. None of the mentioned

ANSWER. A

What does -Xms256m and -Xmx2G arguments in JRE setup configuration represents

A. Minimum 2GB heap size
B. Maximum 256MB heap size
C. Minimum 256MB and Maximum 2GB heap size
D. None of the mentioned

ANSWER. C

To deploy your app to the IBM cloud which file should be setup?

A. a .war file
B. a Manifest.yml file
C. App.js
D. Manifest.xml

Correct Answer: OPTION B

Which CLI helps push the application to the cloud?

A. Ibmcloud cf push
B. Ibmcloud push cf
C. Ibmcloud push CLI
D. none
IBM Cloud will restart your application and provide the database credentials to your application using which environment variable?

A. CLOUD_SERVICES
B. VCAP_SERVICES
C. CLOUD_SERVICES
D. none

Correct Answer: OPTION B

Based on the Twelve-Factor App methodology, how should developers share common code between two Node.js applications in IBM cloud PaaS?

A. Duplicate the common code in each application repository
B. Use only one repository for both applications and the common code
C. Use one repository for both applications and another repository for the common code
D. Create a npm package for the common code and add the dependency to it for both applications

Correct Answer: OPTION B

Which IBM Cloud offering mode

A. Platform as a Service
B. Software as a Service
C. Application as a Service
D. Infrastructure as a Service

Correct Answer: OPTION B

What is a Stage Trigger in Delivery Pipeline?

A. An action that adds a new stage
B. An action that tells a job when to execute
C. An action that pushes code changes to git
D. An action that updates a work item in Track & Plan

Correct Answer: OPTION C

What is a boilerplate in IBM cloud PaaS?

A. a script to build applications from scratch
B. a service that can be bound to application
C. a combination of a runtime and predefined services
D. an external service that can be consumed by application

Correct Answer: OPTION C

Choose the correct option available to develop and deploy an IBM Cloud application?

A. Eclipse
B. Command-line interface (CLI)
C. Continuous delivery using DevOps practices
D. All of the mentioned
___________________ is an open-source platform as a service (PaaS) that provides a range of cloud environments, frameworks, and application services.

A. Cloud Foundry
B. Eclipse
C. Command-line interface (CLI)
D. Continuous delivery using DevOps practices

Correct Answer: OPTION A

The IBM Cloud ________________ provides a simple way to manage all your resources on IBM Cloud from your workstation.

A. Command-line interface (bx cli)
B. Cloud Foundry command-line interface (cf CLI)
C. Eclipse
D. Something else

Correct Answer: OPTION A

Which of the following is/are not the reasons for clients to choose IBM cloud private?
A. A range of deployment options, from private and public cloud to dedicated cloud, and a consistent experience across all of them — in a single IBM Cloud solution
B. Core operational services, including logging, monitoring and security
C. Flexibility to integrate with existing tools and processes
D. It is less expensive in the market

Correct Answer: OPTION D

Layer in application's architecture which is conceptually broken up into further layers is said to be

A. Model layer
B. Data-access layer
C. View layer
D. Presentation layer

Correct Answer: OPTION D

A program that accepts requests from a Web browser and sends back results in the form of HTML documents, is known as

A. Web host
B. Web server
C. Web interface
D. Web application

Correct Answer: OPTION B

Point out the correct statement:

A. Documents stored in the cloud is fully secure and are certainly under a user’s full control
B. Online productivity applications generally have fewer features than their shrink-wrapped competitors
C. Data in the cloud cannot be lost and must be managed and backed up
D. All the mentioned

Correct Answer: OPTION B

What are the core features of the Express framework?
A. Allows to set up middlewares to respond to HTTP Requests
B. Defines a routing table which can work as per HTTP Method and URL
C. Defines a routing table which can work as per HTTP Method and URL
D. Allows to configure HTTP without servers’ support

Correct Answer: A, B and C

How to store local variables that can be accessed within the application?

A. Using app.locals
B. Using app.storage
C. Using database
D. Config file

Correct Answer: OPTION A

How can we create instance of http module?

A. var http = require("http");
B. var http = new require("http");
C. var http = new http();
D. nodejs sample.js

Correct Answer : OPTION A

How can we check the current version of NPM?

A. npm --version
B. npm --ver
C. npm help
D. npm help

Correct Answer : OPTION A

To install Node.js express module

A. $ node install express
B. $ install express
C. $ nodejip install express
D. $ npm install express

Correct Answer: OPTION D

Which of the following code gets length of a buffer buf?

A. buf.size
B. buf.length()
C. buf.size()
D. buf.length

Correct Answer: OPTION D

Which provider of enterprise cloud apps for finance and HR has adopted the IBM cloud solution on 15th August 2016?

A. WorkDay
B. WorkPay
C. WorkStay
D. System day

Correct Answer: OPTION A

Incubator Kstart is partnering which tech major to foster a startup ecosystem in India?

A. IBM
B. Infosys
C. Lenovo
D. Dell

Answer A

With cloud computing services, hardware purchases, software purchases, and IT support are the responsibility of whom?

A. Internet service provider
B. RraaS provider
C. SaaS provider
D. Application service provider
Correct Answer: OPTION C

Which term best describes the ability to rapidly increase user accounts for a given cloud service?

A. Volatility
B. Synchronicity
C. Viability
D. Elasticity

Correct Answer: OPTION D

Which option describes the benefit of virtualized servers?

A. Shared hardware
B. Individual hardware per virtual server
C. Physical servers taking less room space than virtual servers
D. Virtual servers taking less disk space than physical servers

Correct Answer: OPTION A

Your company runs a virtualized web application server in-house. You decide to make the web applications available over the Internet through a cloud provider. Which method represents the quickest way to accomplish this?

A. Create a new cloud server, install web services, and install and configure web applications.
B. Create a new cloud server, install web services, and import web application data.
C. Migrate your in-house web application server to the cloud.
D. This cannot be done — only generic applications are available through the cloud.

Correct Answer: OPTION C

Which term from the past describes the sharing of mainframe computing resources?
A. Time-sharing  

B. Time division multiplexing  

C. Mainframe-sharing  

D. XaaS  

Correct Answer: OPTION A

_____________ is made up of a few resources and layers with different levels of implementation.  

A. Grid  

B. Cloud  

C. Services  

D. Information  

Correct Answer: OPTION A

Which is not a cloud development platform?  

A. Google Gears  

B. Microsoft Azure  

C. Live Services  

D. IBM Go Cloud  

Correct Answer: OPTION D

What do you mean by cloud in cloud computing?  

A. Data exchanged among grid nodes  

B. Provides tools to monitor and distribute the number of licenses  

C. Provides a logical view of data  

D. Set of hardware, software, network, storage, services and interfaces
Correct Answer: OPTION D

What is the name of the Rackspace cloud service?

A. Cloud On-Demand
B. Cloud Servers
C. EC2
D. SimpleDB

Correct Answer: OPTION B

__________ delivers IT-enabled services via internet that are built for the end user to be in control.

A. Mobile computing
B. Cloud computing
C. Grid computing
D. Green Computing

Correct Answer: OPTION B

What do people expect from a cloud environment?

A. Self-service
B. Fixed resources
C. Manual provisioning
D. Fixed payments

Correct Answer: OPTION A

Which of the following is not a cloud computing barrier?

A. Data security
B. Governance and regulatory compliance

C. Integration and interoperability

D. Data sharing

Correct Answer: OPTION D

Choose the best example for Self-service

A. Gmail

B. Bank ATM

C. Ticket Booking

D. Facebook

Correct Answer: OPTION B

__________ is a Healthcare SaaS to provide medical billing software for physician office and billing office.

A. MedHealth

B. AdvancedMD

C. HealthPlus

D. MedCare

Correct Answer: OPTION B

What is Cloud Foundry?

A. A factory that produces cloud components

B. VMware-led open source PaaS

C. An industry-wide PaaS initiative

D. VMware-led closed source PaaS.
What are the benefits that the cloud brings for an enterprise?

A. Creates vendor locking
B. A decrease in operational efficiency
C. Trial and error configuration tests can be done
D. Partial control over cloud usage for admins.

___________ is a cross-operating system application runtime that allows developers to use HTML/CSS, AJAX, Adobe Flash and Adobe Files.

A. Adobe AIR
B. Apple iPhone SDK
C. Microsoft Online
D. Hybrid Mode

___________ is a facility used to house computer systems and associated components.

A. Hardware centre
B. Software centre
C. Datacenter
D. Storage centre

Which of the following is not a cloud characteristic?

A. On-Demand Service
B. Single-Tenant

C. Ubiquitous network access

D. Rapid Elasticity

Correct Answer: OPTION B

Why are organizations acting now to migrate to cloud computing?

A. To derive the greatest flexibility

B. To augment unlimited in-house resource

C. To create vulnerability to costly problems

D. To slowly develop an optimization roadmap

Correct Answer: OPTION A

The _____________________ service is not offered by Microsoft.

A. SQL Service

B. NET Services

C. Live Services

D. Data Services

Correct Answer: OPTION D

How many types are Cloud delivery models categorized?

A. 2

B. 7

C. 3

D. 4

Correct Answer: OPTION C
What type of cloud rents the capability and they pay for what they use on-demand?

A. Private cloud
B. Public cloud
C. Hybrid cloud
D. Community cloud

Correct Answer: OPTION B

What does the term public does not mean?

A. Free
B. Expensive
C. User data not visible
D. No security

Correct Answer: OPTION A

Which is a very low management cloud model with reliable SLA and scalability?

A. Shared Private Cloud
B. Dedicated Private Cloud
C. Dynamic Private Cloud
D. Commodity Cloud

Correct Answer: OPTION C

Which of the following is not a security concern in the cloud?

A. Shared risk
B. Policies
C. Coding
D. Logical security

Correct Answer: OPTION D

______________ clouds are deployments made inside the company's firewall.

A. Private

B. Public

C. Hybrid

D. Community

Correct Answer: OPTION A

Choose an application that does not fit in the public cloud.

A. Public facing web pages

B. Data-intensive workloads

C. Health care record

D. Public wiki's, blogs

Correct Answer: OPTION C

The Internal private cost lowers the administrative costs by________.

A. 40%

B. 60%

C. 70%

D. 50%

Correct Answer: OPTION D

Which of the following is a type of data disaster?

A. Insufficient Resource
B. Hosted tools
C. Database corruption
D. Operational Efficiency
Correct Answer: OPTION C

Which of the following is not a feature of Infrastructure Strategy and Planning?
A. Assessment of the current environment
B. A dynamic platform for datacenter
C. Development of value proposition
D. Roadmap to implement the selected cloud delivery model.
Correct Answer: OPTION B

__________________ is a set of building blocks within the Azure Services Platform that is used to handle user data and application resources.
A. Live Services
B. .NET Services
C. SQL Services
D. Data Services
Correct Answer: OPTION A

What are the two primary levels to achieve cost optimization?
A. Operator expense and Capital expense
B. Operating expense and Capital expense
C. Operator Expense and Cloud Expense
D. Operating Expense and Cloud Expense
Microsoft _______________ enhances the capabilities of Microsoft SQL Server into the cloud as a web-based, distributed relational database.

A. .NET Services
B. SQL Services
C. Live Services
D. Azure

Correct Answer: OPTION B

_________ service provides a software development environment that enables the rapid deployment of new applications.

A. SaaS
B. PaaS
C. IaaS
D. DaaS

Correct Answer: OPTION B

Which service is more mature for cloud offering?

A. Platform-as-a-service
B. Software-as-a-service
C. Infrastructure-as-a-service
D. Storage-as-a-service

Correct Answer: OPTION B

What are the main drivers of cloud computing?
A. Performance
B. Storage capacity
C. Resources
D. Cost and time

Correct Answer: OPTION D

__________ allows multiple operating system instances to run as a guest on the same server. A. Server
B. Hypervisor
C. Network
D. Data

Correct Answer: OPTION B

Which of the following benefit helps to deploy cloud deployment?
A. High risk
B. Slower deployment
C. Improve service
D. Higher cost

Correct Answer: OPTION C

__________ is the method of recognizing activities that may indicate a malicious attack.
A. Logging
B. Alerting
C. Authentication
D. Access control

Correct Answer: OPTION B

Define Service.

A. A specific IT deliverable that provides customer value
B. Used to represent all the value addition activities
C. Used to improve service quality
D. It is a collection of services provided by IT

Correct Answer: OPTION A

A collection of related activities that takes inputs, transforms them and produces outputs is termed as ______________.

A. Enablers
B. Process
C. Service Owner
D. Delivery

Correct Answer: OPTION B

What provides a set of project services such as planning, design, assembly and integration? A. Software Platform.
B. Deployment services
C. Software Platform Management services
D. Platform Integration and Deployment services

Correct Answer: OPTION D

_____________________ offers a virtual lab in the cloud.
A. Skytap

B. Azure

C. Google

D. IBM

Correct Answer: OPTION A

Which of the following service comes under Software Platform Management services?

A. Order Management

B. Base Backup

C. Compliance services

D. Asset tagging

Correct Answer: OPTION C

What services include business services and user services?

A. Internal services

B. External services

C. User-initiated service

D. Customer-initiated service

Correct Answer: OPTION B

What service is used to discover the applications that are used across the organization?

A. Application Portfolio Management

B. Application Scripting

C. Application Discovery

D. Application Detection
Correct Answer: OPTION C

How is application architecture selected in cloud application?

A. Criteria Evaluation
B. Business functions
C. User experience
D. Cloud delivery model

Correct Answer: OPTION A

Which of the following is a type of Business Support Service activity?

A. Configuring network components
B. Managing fault
C. Managing order data
D. Maintaining network inventory

Correct Answer: OPTION C

_____________________ is important to sales professionals who want to have visibility of the types of Activity their sales teams are engaging in on Opportunities.

A. Sales Action Dashboard
B. Sales Activity Dashboard
C. Sales Dashboard
D. Activity Dashboard

Correct Answer: OPTION B

Expand BPM

A. Business Procure Management
B. Business Product Management
C. Business Produce Management
D. Business Process Management
Correct Answer: OPTION D

Which of the following way helps the cloud environment to integrate the core business?
A. Bottom line success
B. Continual Improvement
C. Business and technology
D. Cultural
Correct Answer: OPTION C

What category is termed to deploy customer services over multiple cloud platforms?
A. Cloud service intermediation
B. Cloud service arbitrage
C. Cloud delivery
D. Cloud aggregation
Correct Answer: OPTION D

Which of the following person considered as the role of cloud orchestrator?
A. Data centre Manager
B. Cashier
C. Account Owner
D. Security
Correct Answer: OPTION C
Which of the following person considered as the role of cloud orchestrator?

A. Data centre Manager
B. Cashier
C. Account Owner
D. Security

Correct Answer: OPTION C

___________________ is used to create content-rich output from Word/Excel templates or PDF forms.

A. Conga App
B. Conga Merge
C. Google Conga
D. Merge Conga

Correct Answer:OPTION B

The ______________ is the service for email.

A. Microsoft Exchange
B. Microsoft E-Mail
C. Microsoft Exchange Mail
D. Microsoft Exchange system

Correct Answer: OPTION A

The __________ is a tool that leverages the complete virtualization of servers, storage, and networking to move an entire running virtual machine instantaneously from one server to another.
A. VMotion

B. VM Motion

C. VMotion ESX

D. VMWare ESX

Correct Answer: OPTION A

__________________ turns a standard 1U server into an infinite capacity network attached storage (NAS) file accessible by popular applications and immediately integrates into an organizations existing archive and backup processes

A. Nirvanix Storage Delivery Network (SDN)

B. Nirvanix Software Delivery Network (SDN)

C. Nirvanix Storage Data Network (SDN)

D. Nirvanix Storage Direct Network (SDN)

Correct Answer: OPTION A

__________________ is used to automatically provide additional processor capacity on a temporary basis.

A. Utility CoD

B. Value CoD

C. Service CoD

D. Cost CoD

Correct Answer: OPTION A

Which of the following is not a cloud platform characteristic based on CoD?

A. Low-End Servers
B. On-Demand Platform

C. Dynamic capacity

D. On-Demand CPU

Correct Answer: OPTION D

Outsourcing the end to end solution using cloud methodology for public cloud, infrastructure and Platforms is termed as _____________.

A. Crowdsourcing

B. Cloudsourcing

C. Data sourcing

D. Information sourcing

Correct Answer: OPTION B

__________________ is a growing set of recommended practices and technologies to manage data more efficiently and effectively

A. Information Lifecycle Monitoring

B. Intermediate Labour Management

C. Information Lifecycle Management

D. Intermediate Labour Monitoring

Correct Answer: OPTION C

Choose from the following the specific objective to improve the information management.

A. Decrease the system performance

B. Cost reduction
C. Decreased effectiveness
D. Reduce personnel productivity
Correct Answer: OPTION B

Which of the following comes under the category of investment cost?
A. Storage hardware maintenance
B. Storage software maintenance
C. Outages
D. Transition services
Correct Answer: OPTION D

_______________ is referred to documented set of storage-related tasks and activities required to support a storage infrastructure.
A. Storage Service
B. Storage Process
C. Storage tier
D. Storage Infrastructure
Correct Answer: OPTION B

Which of the following does not belong to type of competency area in cloud business analytics?
A. Business intelligence and performance management
B. Analytics and optimization
C. Content management system
D. Information taxonomy
Correct Answer: OPTION D

____________________ is a fast and extremely scalable DBMS

A. Google Bigtable
B. Google BigData
C. Microsoft Bigtable
D. IBM Bigtable

Correct Answer: OPTION A

What are the two main constituencies are tasked for Enterprise IT Operations Managers?

A. Application and Programming teams
B. Testing and Programming teams
C. Application and Development teams
D. Development and Testing teams

Correct Answer: OPTION C

How to install tomcat server using command line in Ubuntu?

A. Step 1 sudo apt update
Step 2 sudo apt install default-jdk --
Step 3 tar xzf apache-tomcat-9.0.30.tar.gz
Step 4 cd cd apache-tomcat-9.0.30/bin
Step 5 ./startup.sh

B. Step 1 sudo apt update
Step 2 sudo apt install default-jdk --
Step 3 wget http://apachemirror.wuchna.com/tomcat/tomcat-9/v9.0.30/bin/apache-tomcat-9.0.30.tar.gz

Step 4 cd apache-tomcat-9.0.30/

Step 5 ./startup.sh

C. Step 1 sudo apt update

Step 2 sudo apt install default-jdk –

Step 3 wget http://apachemirror.wuchna.com/tomcat/tomcat-9/v9.0.30/bin/apache-tomcat-9.0.30.tar.gz

Step 4 tar xzf apache-tomcat-9.0.30.tar.gz

Step 5 cd apache-tomcat-9.0.30/bin

Step 6 ./startup.sh

D. Step 1 sudo apt update

Step 2 sudo apt install default-jdk –

Step 3 ./startup.sh

Correct Answer: OPTION C

Which is the default port of tomcat server?

A. 8080

B. 8081

C. 8180

D. 9090

Correct Answer: OPTION A
How to install eclipse IDE and run in Ubuntu?

A. Step 1 sudo apt update

Step 2 sudo apt install -y wget

Step 3 sudo apt install -y openjdk-8-jdk


Step 5 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz

cd eclipse-jee-2019-12-R-linux-gtk-x86_64/

Step 6 cd eclipse/ ./eclipse

B. Step 1 sudo apt update

Step 2 sudo apt install -y openjdk-8-jdk

Step 3 wget


Step 4 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz

cd eclipse-jee-2019-12-R-linux-gtk-x86_64/

C. Step 1 sudo apt update

Step 2 sudo apt install -y wget

Step 3 sudo apt install -y openjdk-8-jdk

Step 4 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz

cd eclipse-jee-2019-12-R-linux-gtk-x86_64/
Step 5 cd eclipse/ ./eclipse

D. Step 1 sudo apt update

Step 2 sudo tar -zxvf eclipse-jee-2019-12-R-linux-gtk-x86_64.tar.gz
cd eclipse-jee-2019-12-R-linux-gtk-x86_64/

Step 3 cd eclipse/ ./eclipse

Correct Answer: OPTION A

Which file is user to change apache server port address?

A. Eclipse.ini

B. Server.xml

C. Artifacts.xml

D. Eclipse

Correct Answer: OPTION B

Tomcat is not an open source

A. True

B. False

Correct Answer: OPTION B

Eclipse is open source

A. True

B. False
Correct Answer: OPTION A

Requirement of eclipse installation
A. Open JDK
B. LAMPP
C. MYSQL
D. HOME
ANSWER A

How to run apache tomcat server
A. ./startup.sh and Open localhost:WAR
B. ./startup.sh and Open localhost
C. ./startup.sh and Open localhost:index.html
D. ./startup.sh and Open localhost:8080
Correct Answer: OPTION D

Apache server listen default address?
A. 127.0.0.1:8111
B. 127.0.0.1:8081
C. 127.0.0.1:9090
D. 127.0.0.1:8080
Correct Answer: OPTION D
Which version is latest version of Apache Tomcat server

A. 9.0.30
B. 8.5.0
C. 9.1.0
D. 9.2.0

Correct Answer: OPTION A

Which file is used to configure users in tomcat

A. Tomcat-user.xml
B. Tomcat-web.xml
C. Catalina.xml
D. None of the above

Correct Answer: OPTION A

What are the activities you can do in eclipse

A. Create generic projects
B. Edit files in a generic text editor
C. Configure Server
D. All of the Above

Correct Answer: OPTION D
What is the use of java build path

A. Add remove projects
B. Add remove libraries
C. Add remove source
D. All of the above

Correct Answer: OPTION D

To run tomcat server in OS, compulsory require internet?

A. True
B. False
C. Wrong Statement

Correct Answer: OPTION B

How to reset eclipse IDE

A. Windows – Perspective – Reset Perspective
B. Editor Clone
C. Navigation show view menu
D. Project Clean

Correct Answer: OPTION A

What is the use of eclipse preference

A. All integration configuration
B. Server configuration
C. Web Configuration
D. Project Configuration
Correct Answer: OPTION A

What is the use of facet
A. Facets define characteristics and requirements for Java EE projects and are used as part of the runtime configuration.
B. Facets define characteristics and requirements for Apache EE projects and are used as part of the runtime configuration.
C. A and B
D. None of the above
Correct Answer: OPTION A

For executing web file in apache where we save
A. Src/webapp
B. Target
C. Java resources
D. Deployed resources
Correct Answer: OPTION A

How to update eclipse
A. Help – check updates
B. Help – about eclipse
C. Help – Install new software
D. Help – Perform setup task

Correct Answer: OPTION A

How many servers we can add in eclipse
A. One
B. Two
C. Three
D. Multiples

Correct Answer: OPTION D

Which option is used to import project from external source
A. New File
B. New Project
C. Import
D. Export

Correct Answer: OPTION C

Which file is used for web project deployment?
A. Java Archive File
B. Web Archive File

C. Extendable Mark File

D. Html File

Correct Answer: OPTION B

Which shortcut key used to run project

A. CTRL + F10

B. CTRL + F5

C. CTRL + F11

D. F5

Correct Answer: OPTION C

Which shortcut key used to DEBUG project

A. F11

B. SHIFT+CTRL+F11

C. CTRL+F11

D. SHIFT+F11

Correct Answer: OPTION A

EAR meaning?

A. Enterprise Archive File

B. Express Archive File
How to create new dynamic project in eclipse


B. File – New – Web Service – Project Name – finish

C. File – New – EJB Project – Project Name – Next – check Generate web.xml - finish


Correct Answer: OPTION A

Only Java files can import in eclipse after import.

A. TRUE

B. FALSE

Correct Answer: OPTION B

Is it possible to run application remotely

A. YES

B. NO

C. Wrong statement
Correct Answer: OPTION A

How to create java documentation in eclipse
A. Project – Generate Javadocs – set path – add directory – finish
B. Run – Generate Javadocs – set path – add directory – finish
C. Not possible to generate docs
D. File – Generate Javadocs – set path – add directory – finish
Correct Answer: OPTION A

How to clean project
A. Help clean
B. Run clean
C. File clean
D. Project clean
Correct Answer: OPTION D

What gives flexibility to build once and move applications without need to redeploy or rewrite their code
A. Box
B. Can
C. Container
Among the following, on which technology IBM containers are built

A. Dolphin
B. Docker
C. Daffodil
D. Tomcat

ANSWER. B

Which of the service models provides efficient environment for analytics, big data and security services

A. IaaS
B. PaaS
C. SaaS
D. None of the mentioned

ANSWER. B

New generation portable and distributed applications can be built using Dockers under

A. Cloud Container
B. Cloud Forgery
C. Cloud Box
D. Cloud Foundary

ANSWER. D

What is full form of IBM backend architecture BFF, used for client facing web app or mobile app

A. Backend for Foundary
B. Backend for Frontend
C. Back for Front
D. Back to Foundary

ANSWER. B

What can help support an application with multiple clients while at the same time moving the system into a less-coupled state than a monolithic system

A. Backend for Frontend
B. Docker
C. Container
D. None of the mentioned

ANSWER. A

What type of architecture can scale rapidly and allow quick iterations

A. Macroservices
B. Microservices
C. Monolithic Service

D. None of the mentioned

ANSWER. B

Microservices architecture allow deployment over which of following service(s)

A. Cloud Foundary

B. Kubernetes

C. DevOps

D. All of the mentioned

ANSWER. D

Which services can be added to microservices architecture under DevOps

A. Watson

B. MongoDB

C. Automated tests

D. All of the mentioned

ANSWER. D

Each Backend for Frontend calls upon the necessary services that are requested by the

_____________

A. Backend

B. Frontend
C. Database
D. Service
ANSWER. B

What is API among following
A. Abstract Programming Interface
B. Application Programming Interface
C. Application Programming Interconnection
D. Abstract Programming Interleaving
ANSWER. B

Which is/are essential components of an API
A. Provider
B. Developer
C. User
D. All of the mentioned
ANSWER. D

Which formats are typically used by REST API
A. JSON
B. XML
C. Both JSON or XML

D. None of the mentioned

ANSWER. C

The organisation that owns API and the associated plans is called

A. Developer Organisation

B. Provider Organisation

C. User Group

D. Apps Sandbox

ANSWER. B

The organisation that owns any applications using APIs

A. Provider Organisation

B. User Group

C. Developer Organisation

D. None of the mentioned

ANSWER. C

The collection of developer organisations is called

A. Group

B. Community

C. Programmers
While developing and maintaining APIs, members of a provider organization can create separate deployment targets called as

A. Environment for testing

B. Environment for production

C. Both environments for testing and production

D. Environment for Developers

ANSWER. C

Which tool provides means to configure capability such as security, logging, caching, routing of requests to target services, and transformation of data from one format to another

A. Sandboxes

B. Environments

C. Policies

D. Events

ANSWER. C

What provides a collection of resources or operations Which is NOT a feature of IBM Kubernetes cluster service

A. Self healing

B. Logging and monitoring
C. Secure cluster
D. Partially managed at scale

ANSWER. D

Which is/are features of Containers in IBM cloud
A. Continuous Integration
B. Continuous Delivery
C. Faster Deployment
D. All of the mentioned

ANSWER. D

Absence of which component creates main difference between Containers and VMs
A. Application
B. OS
C. Code Libraries
D. Application Dependencies

ANSWER. B

Which feature is most essential to migrate modern applications to cloud
A. Lightweight architecture
B. Easy deployment
C. Tested application code
D. Containerization

ANSWER. D

Methodology to manage large volume of containers through their lifecycle

A. Containerization

B. Clustering

C. Orchestration

D. None of the mentioned

ANSWER. C

Group structures used to create and run Kubernetes workload

A. Class

B. Grains

C. Cluster

D. Container

ANSWER. C

How many master node components can be there in Kubernetes cluster

A. One

B. Two

C. Three

D. Four
Role of master Kubernetes node include which of the following:

A. Assign CIDR Block
B. Health Monitoring
C. Node Controlling
D. All of the mentioned

ANSWER. B

A package that contains application code and its dependencies, allowing it to run from one environment to another:

A. Container
B. IDE
C. Cloud Foundary
D. None of the mentioned

ANSWER. A

Docker containers run inside a special environment with secure execution and scaling called as:

A. Docker Deck
B. Docker Stage
C. Docker Platform
D. Docker Engine

ANSWER. D from one or more APIs, and is published to communities of application developers

A. Policy
B. Plan
C. Environment
D. None of the mentioned

ANSWER. B

What online supports are available in API Management on IBM Cloud

A. IBM API Management developer community
B. IBM API Management on Cloud product documentation
C. IBM API Management tutorials
D. All of the mentioned

ANSWER. D

What is referred as address of API or service in an environment

A. IP
B. Community
C. Endpoint
D. Gateway

ANSWER. C
A piece of information that is used together with the application key to verify the identity of an application

A. Client ID  
B. Client Secret  
C. Client Password  
D. Client Name  
ANSWER. B

Application programming interface that forwards requests to a user-defined back-end resource and relays responses back to the calling application

A. Proxy  
B. Policy  
C. Client ID  
D. Server  
ANSWER. A

A service that tracks users and their authentication

A. User ID  
B. User Registry  
C. User Directory  
D. User Manager  
ANSWER. B
API security configuring requires

A. Creating security scheme

B. Apply one or more security scheme to API

C. Optionally, specify type of security scheme to be inherited by API

D. All of the mentioned

ANSWER. D

What allows embedded scripts in a web page to call the API across domain boundaries

A. Cross Boundary Sharing

B. Cross Origin Resource Sharing

C. API Sharing System

D. None of the mentioned

ANSWER. B

Which service allows you to view the number of calls for an API and the average response times

A. API Statistics

B. API Manager

C. API Analytics

D. API Event Records

ANSWER. A
Which service allows to view all API execution data

A. API Statistics
B. API Analytics
C. API Event Record
D. API Notification

ANSWER. C

API Notification service provides solution for

A. Failures Alerts
B. Executions Alerts
C. Usage Alerts
D. All of the mentioned

ANSWER. D

Why tags are useful in API management

A. Searching
B. Identification of Operations
C. Both Searching and Identification of operations
D. None of the mentioned

ANSWER. C
Who can gather analytics data about API, Plan, and application usage from developer portal

A. Any Developer
B. Developer within community
C. Any manager
D. None of the mentioned

ANSWER: B

Which API calls allow developer from developer's portal to manage APIs

A. Any API
B. REST
C. JSON
D. Native API

ANSWER: B

From where you can purchase IBM API management on cloud

A. IBM Cloud Marketplace
B. IBM Cloud Bluemix
C. IBM Cloud Repository
D. Both IBM Cloud Marketplace and Bluemix

ANSWER: D

Number of API calls per month are selected in multiples of
A. one million
B. one billion
C. ten million
D. hundred thousand

ANSWER. A

Who can perform same tasks as the organisation owner himself

A. Organisation User
B. Developer
C. API Manager Administrator
D. Product Manager

ANSWER. C

This is not a prerequisite to deploying a tomcat in IBM?

A. GIT
B. Maven
C. MongoDB
D. Apache Tomcat version 8

Correct Answer: OPTION C

Which is the first step in setting up Tomcat?

A. Adding a database
B. Cloning the sample app

C. Deploying the app

D. Run the app locally

Correct Answer: OPTION B

What is the first step before running the application locally?

A. Create a .war file

B. Installing a database

C. Accessing the URL

D. Installing the dependencies

Correct Answer: OPTION D

Which of the following methods are used to delete a service instance?

A. IBM cloud user interface

B. IBM cloud CLI

C. Resource controller Rest API

D. All of the mentioned

Correct Answer: OPTION D

To access IBM analytics engine resources which are the access permissions not required?

A. Platform level

B. Service level
C. Resource group level

D. Application level

Correct Answer: OPTION  D

To delete a service what permission is required?

A. Resource group level

B. Service level

C. Platform level

D. Application-level

Correct Answer: OPTION  A

Which role should you have to delete a service?

A. Editor

B. Administrator

C. Editor or administrator

D. Editor and administrator

Correct Answer: OPTION  C

Where should you navigate to delete an instance?

A. Documents

B. IBM cloud dashboard

C. Catalog
What is IBM cloud DevOps insights?

A. IBM Cloud DevOps Insights is a cloud-based solution that provides comprehensive insights from continuous integration and continuous delivery tools to increase the speed, quality, and control of your applications.

B. DevOps Insights collects and analyzes the results from unit tests, functional tests, and code coverage tools to determine whether your code meets predefined criteria at specified gates in your deployment process.

C. If code does not meet or exceed the criteria, the deployment is stopped to prevent risks from being released.

D. All of the mentioned

Correct Answer: OPTION D

Which one of the statement is not correct in case of DevOps insights?

A. It collects and analyzes the results from unit tests, functional tests, and code coverage tools.

B. It doesn’t stop the deployemnt even if there are issues with the code.

C. If code doesn’t meet the criteria it stops the deployment.

D. You can add the DevOps Insights tool integration to your DevOps toolchain.

Correct Answer: OPTION B

Choose the correct statement for DevOps insights.
A. This tool integration is available only on the public IBM Cloud.

B. It is preconfigured and does not require any configuration parameters.

C. You can’t reconfigure this tool integration.

D. It is not preconfigured and does require configuration parameters.

Correct Answer: OPTION  D

In IBM cloud when DevOps tool chain option will appear?

A. After creating the app and clicking on Deploy your app and following the steps for configuring a DevOps toolchain.

B. DevOps tool chain option is available by default and has nothing to do with the app creation.

C. DevOps tool chain works only with IBM virtual machines.

D. Something else.

Correct Answer: OPTION  A

DevOps tool chain allows ________________?

A. To add custom add a user defined layer.

B. Not to validate the code.

C. Use of predefined fixed layer.

D. Something else.

Correct Answer: OPTION  A
For which location DevOps insight is not available?

A. Dallas  
B. London  
C. Frankfurt  
D. India.

Correct Answer: OPTION D

After creating an App using IBM cloud foundry, how do you access DevOps?

A. From Overview options  
B. Runtime  
C. Connections  
D. Continuous delivery

Correct Answer: OPTION D

In IBM cloud foundry DevOps continuous delivery is__________?

A. Enabled by default  
B. To be enabled from overview section  
C. Not available  
D. Something else

Correct Answer: OPTION B

Continuous delivery is enabled for a app in Ibm cloud foundry to make available of_______?
A. Automate builds, tests, and deployments through the Delivery Pipeline, GitHub, Eclipse.

B. Automate application test only

C. It provides only GitHub

D. Something else

Correct Answer: OPTION A

Which one of the following is not a part of DevOps?

A. Continuous Delivery and the Delivery Pipeline

B. Create and configure stages and jobs in Delivery Pipeline

C. Worldwide deployment, synchronization/replication between regions

D. Continuous Integration, Continuous Deployment, and Continuous Delivery

Correct Answer: OPTION C

Deploying the application in IBM Cloud

Easy

What are benefits that resource groups have over Cloud Foundry organizations and spaces?

A. Developers can create their own spaces in a resource group.

B. It is possible to see a break-down of billing in a Resource Usage Silo.

C. Resource groups allow access to external developers via affiliated clouds.

D. Administrators have more fine-grained access control using Identity Access Management and they give the ability to conne

Correct Answer: OPTION D

Which one is not a correct way to deploy an application on IBM cloud?
A. Using cloud foundry services

B. Using Virtual Machine

C. Using IBM cloud CLI

C. Using EC2 instance

Correct Answer: OPTION  D

According to the Twelve-Factor App methodology, where is the best place to store "config"?

A. In yaml files

B. In environment variables

C. In a declaration manifest

D. In environment-specific configuration files

Correct Answer: OPTION  B

Which metric type is available for a Node.js application while defining the auto-scaling policy?

A. Memory

B. Response time

C. Number of CPU cores

D. Application Instances count

Correct Answer: OPTION  A

What is an advantage of using managed services in IBM cloud Platform as a Service (PaaS)?

A. The IBM cloud determines the application logic and provides test data.
B. The user can schedule when software maintenance occurs and what operating system is used.

C. The service instance is automatically provisioned and access credentials are provided to the application.

D. The user is able to manage the bare metal servers where their application runs.

Correct Answer: OPTION C

Which is a feature provided for both Managed service instances and User-provided service instances in IBM Cloud Foundry service?

A. Binding the service instance to an application.

B. Automatic encryption of service instance metadata.

C. Instance lifecycle management via the Cloud Controller.

D. Automatic creation of service instances during application deployment.

Correct Answer: OPTION A

What two items are managed by the developer in a Platform as a Service (PaaS) service model?

A. data and networking

B. operating system

C. application

D. Storage

Correct Answer: OPTION A
How do you name the process of instantiating the service catalogue item?

A. Runtime scaling
B. Testing
C. Allocation
D. Resilience

Correct Answer: OPTION C

Which security control is used to detect a security incident?

A. Preventive
B. Detective
C. Corrective
D. Protective

Correct Answer: OPTION B

Which of the following is a type of physical security?

A. Policies
B. Audit
C. Software
D. Biometric

Correct Answer: OPTION D

_______________________ is an advantage of Virtual Desktop Infrastructure.

A. Agility
B. Flexibility
C. Plasticity
D. Elasticity

Correct Answer: OPTION B

What does Virtual Desktop Infrastructure provide?

A. Data Protection
B. End-user solutions
C. Security Compliance
D. Application Security

Correct Answer: OPTION B

Connecting remote desktop clients to the centralized virtual desktops is known as ____________.

A. Information brokering
B. Connectionless brokering
C. Service brokering
D. Connection brokering

Correct Answer: OPTION D

What difficulty often cloud administrators face concerning storage and data management?

A. Cutting costs
B. Lower costs
C. Lack of automation
D. Low operating costs

Correct Answer: OPTION C
Recovery Point Objectives and Recovery Time Objectives are the ______________ of Storage Cloud.

A. Benefits
B. Challenges
C. Drawbacks
D. Business Drivers

Correct Answer: OPTION D

How the cost model must be to provide cloud business?

A. Complex
B. Complete
C. Equitable
D. Reasonable

Correct Answer: OPTION C

What approach has been driven in part by cost transparency and cost reduction requirements?

A. Cost-based
B. Service-based
C. Structured-based
D. Organization-based

Correct Answer: OPTION B

______________ refers the capacity to rapidly adapt and respond to risks and opportunities.

A. Agility
B. Chargeback

C. Resiliency

D. Performance

Correct Answer: OPTION C

Which of the following perspective implements power protection?

A. Strategy and vision

B. Organizational

C. Process

D. Facilities

Correct Answer: OPTION D

___________ is a service that uses a group of compliant processes.

A. Service Realization

B. Solution Realization

C. Quality Assurance

D. Request for Service

Correct Answer: OPTION B

Which of the following is not a short-term objective of provisioning?

A. Reduce rework

B. Reduce the defect rate

C. Reduce time to set up a development
D. Improve consistency

Correct Answer: OPTION C

_________________ is Apple solution that delivers push email, push contacts, and push calendars from the MobileMe service in the cloud to native applications on iPhone, iPod touch, Macs, and PCs.

A. MobileMe
B. mobile
C. LiveMesh
D. GoLive

Correct Answer: OPTION A

_________________ management is both process and service.

A. Backup
B. Operational readiness
C. Configuration
D. Systems

Correct Answer: OPTION D

Which of the following task falls under the compliance phase?

A. Audits
B. Reversibility

C. Standards

D. Templates

Correct Answer: OPTION B

Which of the following task falls under the governance phase?

A. Interoperability
B. Data regulation
C. Service level
D. Monitoring

Correct Answer: OPTION D

_______________ focuses on avoiding/recovering from non-catastrophic disruptions.

A. Disaster recovery
B. Floods
C. High availability
D. Low availability

Correct Answer: OPTION C

_______________ is the process of creating, verifying and maintaining an IT continuity plan.

A. Disaster recovery
B. Recovery time
C. Recovery point
D. Disaster detecting

Correct Answer: OPTION A

Which model focuses on a class of service and guaranteed availability resources for business applications?
A. Pay-per-use-model
B. Standard subscription model
C. Premium Pricing model
D. Hybrid model

Correct Answer: OPTION C

Live Mesh is Microsoft software-plus-services platform and experience that enables PCs and other devices to be aware of each other through the Internet.
A. Live Mesh
B. LiveMe
C. MobileMe
D. GoLive

Correct Answer: OPTION A

Which of the following is an example of product-based costing?
A. Printing a report
B. Handling a claim
C. Maintaining a ledger
D. Policy

Correct Answer: OPTION D

What benefit is provided by virtualizing the service infrastructure?

A. Spend money
B. Increase control
C. Complex disaster recovery
D. Model readiness assessment

Correct Answer: OPTION B

What is the need for virtualization?

A. To reduce the complexity
B. To decrease the utilization of information
C. To build homogeneous infrastructure
D. To delay in SLA response times

Correct Answer: OPTION A

What creates a virtual 'network in a box' solution that allows the hypervisor to manage virtual machine?
A. Virtual Disk
B. Virtual CPU
C. Virtual Memory
D. Virtual Networking

Correct Answer: OPTION D

__________ is an operating system-level virtualization rather than a hardware-level hypervisor solution.

A. Storage Virtual motion
B. Storage motion
C. Zone
D. Logical Domain

Correct Answer: OPTION C

Which of the following statement is true about virtualization technology?

A. Allows manual provisioning of environments
B. Administration software constantly monitors the software
C. Save energy by powering off the servers
D. Allows automatic deployment of applications

Correct Answer: OPTION D
__________ is a collection of physical bare-metal hypervisor installed servers and associated virtual machines with shared resources.

A. Power Management
B. Dynamic storage
C. Distributed Resource Scheduler
D. Fault tolerance

Correct Answer: OPTION C

What is the reason for using virtual machine templates?

A. Efficiency
B. Scalability
C. Storage
D. Dynamic Allocation

Correct Answer: OPTION A

_________ is a server environment that does not physically exist but is created on another server.

A. Physical machine
B. Logical machine
C. Guest machine
D. Virtual machine
Correct Answer: OPTION C

Which of the following level of privilege of x86 architecture is used for user-level applications?

A. Ring 0
B. Ring 1
C. Ring 2
D. Ring 3

Correct Answer: OPTION D

Which of the following are the major types of virtualization technologies?

A. Type1 and Type3
B. Type1 and Type2
C. Type3 and Type4
D. Type2 and Type4

Correct Answer: OPTION B

Which of the following initiatives of dynamic cloud infrastructure reduce operating cost, improve responsiveness and utilize resources?

A. Asset management
B. Virtualization and Consolidation
C. Service Management
D. Information Infrastructure

Correct Answer: OPTION B

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

Correct Answer: OPTION C

The expansion of SLA is _______________.
A. Server level agreement
B. Service level agreement
C. Server local agreement
D. Service local agreement

Correct Answer: OPTION B

Paravirtualization is also known as ____________.
A. OS-assisted virtualization
B. OS-based virtualization
C. OS-level virtualization
D. OS virtualization
Which of the following is not a function hypervisor management software?

A. Create VM
B. Store VM
C. Delete VM
D. Move VM

Correct answer: OPTION B

___________ partition is a partition that can update the hypervisor.

A. Network
B. Logical Memory
C. Service
D. Physical Memory

Correct answer: OPTION C

What is the purpose of design in virtual infrastructure?

A. Define the disk and network structure
B. Define the logical memory blocks
C. Define the physical memory blocks
D. Document the recommendations

Correct answer: OPTION A
Which of the following should be included in the virtualization design document?

A. Resource Allocation
B. Backup methodology
C. Data Distribution
D. Virtualized OS

Correct answer: OPTION B

_______________ is a REST-based API for accessing the Live Mesh services over HTTP.

A. Live Mesh
B. Live Framework
C. REST Framework
D. Cloud Framework

Correct answer: OPTION B

_______________ helps the business to create an integrated, virtualized solution that aligns with the environment.

A. Storage Optimization and Integration Services
B. Virtual storage pool
C. Value Proposition
D. Storage Drivers

Correct answer: OPTION A
Which of the following storage is available remotely and uses the file-based protocols?

A. Storage Area Network
B. Network-Attached Storage
C. Storage Devices
D. Disk arrays

Correct answer: OPTION B

Which of the following is not storage or storage area network?

A. Direct attach storage
B. Centralized but still Direct attach storage
C. Shared Storage
D. Distributed Storage

Correct answer: OPTION D

______________ is one of the heterogeneous benefits of storage virtualization.

A. Data migration
B. Scalable
C. Effective use of capacity
D. The lower total cost of ownership

Correct answer: OPTION A
__________ enables developers to build their web apps on the same infrastructure that powers Google's own applications.

A. Microsoft App Engine
B. Google App Engine
C. IBM App Engine
D. App Engine

Correct answer: OPTION B

Choose from the following the common NAS protocol for Windows environment.

A. Network File System
B. Common Internet File System
C. iSCSI
D. Fibre Channel over Ethernet

Correct answer: OPTION B

The ______________________ is used to develop and debug web applications in the familiar Java programming language, and then deploy them as highly optimized JavaScript.

A. Google Web Toolkit
B. Web Toolkit
C. Azure Web Toolkit
D. Google Web Framework

Correct answer: OPTION A
Which of the following activity focuses on helping businesses with problem determination or problem source identification?

A. Network infrastructure assessment  
B. Network performance analysis  
C. Network diagnostic assessment  
D. Network capacity planning  
Correct answer: OPTION C

___________ is one of the primary requirements of datacenter with respect to data center virtualization.

A. Unmodified operating systems  
B. Resource optimization  
C. Application Availability  
D. Management  
Correct answer: OPTION A

Balancing the workload by transferring the underperforming servers is a feature of ___________.

A. High availability  
B. Operational automation  
C. Dynamic resource  
D. Live Migration
Correct answer: OPTION D

Which of the following is eliminated in data and storage network convergence?

A. Increasing the hardware components
B. Duplicate infrastructure
C. Manage risk
D. Improve service

Correct answer: OPTION B

Which service component is available under network integration services data center networks?

A. Enterprise network
B. Communications strategy and planning
C. Security and firewalls
D. Network application optimization

ANSWER: C

Connecting virtualized servers and storage, supporting platform-specific network requirements is the service of _____________.

A. System Virtualization
B. Legacy Environment
C. Device Virtualization
D. Cloud Computing

Correct answer: OPTION A

Which of the following is a similarity between cloud infrastructure and SOA?
A. Process Management
B. Service Management
C. Order Management
D. Catalogue Management

Correct answer: OPTION B

_____________________ provides communities for team collaboration and makes it easy for users to work together on documents, tasks, contacts, events, and other information.
A. Microsoft CRM Services
B. Microsoft SharePoint Services
C. Microsoft Live Services
D. Microsoft SQL Services

Correct answer: OPTION B

Which of the following is not a cloud infrastructure service component?
A. Integration software
B. Physical infrastructure
C. System Software
D. Management software

Correct answer: OPTION A

Which of the following is well suited to legacy application support?

A. Service-oriented architecture
B. Application architecture
C. Service-oriented infrastructure
D. Workload management

Correct answer: OPTION C

Which of the following is true about SOA?

A. SOA applications do not require the end-end performance
B. SOA breaks the application framework into discrete service components
C. SOA infrastructure is designed with both application and infrastructure perspective
D. SOA applications do not require the end-end security

Correct answer: OPTION B

Microsoft ________________ is an on-demand customer relationship management service hosted and managed by Microsoft.

A. Dynamics CRM Online
B. CRM Online
C. CRM Service
Which of the following can be moved dynamically between components allowing minimal unplanned and no planned downtime?

A. Processor
B. Memory
C. I/O resources
D. Workloads

Correct answer: OPTION D

From the given characteristics, how the service can be defined?

A. Loosely bound
B. Business processes
C. Secure standardized components
D. Changing business priorities

Correct answer: OPTION A

What aspect of SOA view defines and design the services?

A. Business view
B. Process view
C. Architecture view
D. Implementation view

Correct answer: OPTION C

_______________ is an important feature of service-orientation.

A. Stress location transparency
B. Separation of concerns
C. Organization culture
D. Implementation of service

Correct answer: OPTION B

Which services provides processing and networking resources for applications and business functions?

A. Application Services
B. Information Services
C. Common IT Services
D. Infrastructure Services

Correct answer: OPTION C

What does energy efficiency substantially improve on?

A. Data replication
B. Network utilization
C. Information dissemination
D. Regulatory compliance

Correct answer: OPTION B

Which is the first step to be considered for leveraging cloud infrastructure?

A. Planning
B. Value-driven
C. Analysis and Strategy
D. Implementation

Correct answer: OPTION C

Which of the following acts as a lever to progress for the business?

A. Diversity
B. Investment cost
C. Software application
D. System Performance

Correct answer: OPTION D

______________ requires capabilities to configure specific interconnections in the integration solution.

A. Integration specialist
B. Business analyst
C. Software architects
D. Programmers

Correct answer: OPTION A

What is the expansion of BYOD?

A. Buy Your Own Device
B. Bring Your Own Disk
C. Buy Your Own Disk
D. Bring Your Own Device

Correct answer : OPTION D

____________________________ is a web service that offers resizable compute capacity in the cloud and is designed to make web scaling easier for developers.

A. Amazon Elastic Compute Cloud (Amazon EC2)
B. Microsoft Live Service
C. Google Me
D. IBM Cloud Service

Correct answer : OPTION A

The expansion of ERP is _____________.

A. Endeavor Reserve Preparation
B. Enterprise Resource Planning
C. Endeavor Resource Planning
D. Enterprise Reserve Preparation

Correct answer: OPTION B

Which of the following is not the cloud service supported by Salesforce.com?

A. The Data Cloud
B. The Your Cloud
C. The Sales Cloud
D. The Service Cloud

Correct answer: OPTION A

______________________ is a service provider of Windows and Linux cloud-based server hosting, and offers 32-bit and 64-bit editions of Windows Server 2008 within its cloud computing infrastructure

A. Microsoft Grid
B. GoGrid
C. Live Me
D. Live Mesh

Correct answer: OPTION B

Which of the following falls under the infrastructure services?

A. Data encryption
B. Intangible processes
C. Segregate systems

D. Integration Adapters

Correct answer: OPTION D

What do mobile enterprise application platforms promote?

A. Specific mobile application to any device

B. Any mobile application to a specific device

C. Specific mobile application to a specific device

D. Any mobile application to any device

Correct answer: OPTION D

___________ is one of the key elements of mobile enterprise application platforms.

A. Infrastructure

B. Management toolkits

C. Job satisfaction

D. Access controls

Correct answer: OPTION B

______________________ provides a set of tools for creating Virtual Application Appliances (VAAs).

A. VirtualApp

B. AppZero
Which of the following is not a feature of mobile enterprise application platforms?

A. Freedom of Choice
B. Rich feature
C. Agility
D. Efficient information

Correct answer: OPTION D

What do you mean by Off-line On-premise integration?

A. An application which can work separately of a master server connection
B. An application which depends on a master server connection
C. An application which cannot work separately of a master server connection
D. An application which requires human intervention for a master server connection

Correct answer: OPTION A

What are the major parts of a mobile architecture?

A. A middleware and a handheld App and not an enterprise system
B. An enterprise system and a handheld App and not a middleware
C. An enterprise system, middleware and a handheld App
D. An enterprise system, middleware and not a handheld App

Correct answer: OPTION C

_________________ is a group of web development techniques used for creating interactive web applications.

A. Asynchronous JavaScript and XML (AJAX)
B. Asynchronous Java and XML (AJAX)
C. Allied JavaScript and XML (AJAX)
D. Asynchronous Java Software and XML (AJAX)

Correct answer: OPTION A

Where you can view your app on the IBM cloud?

A. Cloud Foundry
B. Dashboard
C. Resource List
D. Catalog

Correct Answer: OPTION C

When running in IBM Cloud, the credentials will be read from which environment variable.

A. CLOUD_SERVICES
B. VCAP_SERVICES
C. CLOUD\_SERVICES

D. none

Correct Answer: OPTION B

How you can change the version of Tomcat to be used by your app with which environment variable.

A. CATALINA\_HOME

B. VCAP\_SERVICES

C. TOMCAT\_OPTS

D. JBP\_CONFIG\_TOMCAT

Correct Answer: OPTION D

Which command we will use to stop the app?

A. shutdown.bat|.sh

B. shutdown.tomcat|.sh

C. shutdown.tomcat

D. shutdown.sh|.bat

Correct Answer: OPTION A

How to target a Cloud Foundry org and space?

A. ibmcloud target --c

B. target --cf
Tomcat runtime on IBM Cloud is powered by?

A. buildpack_java  
B. buildpack_tomcat  
C. tomcat_buildpack.  
D. java_buildpack.  

Correct Answer: OPTION D

In which file we can change the memory to allocate for each instance and the route?

A. manifest.yml  
B. maven  
C. Ibm cloud account  
D. manifest.xml  

Correct Answer: OPTION A

From where we can deploy apps.

A. IBM Cloud™ CLI  
B. IBM Cloud™ maven  
C. CLI
You can change the version of Tomcat to be used by your app with which environment variable.

A. IBM Cloud™ CLI
B. IBM Cloud™ maven
C. JBP_CONFIG_TOMCAT
D. manifest.xml

Correct Answer: OPTION  C

Why use command-line tools?

A. Deploy, update, and manage your IBM Cloud environment with a fast, minimal tool.
B. Automate the management and deployment process with shell scripts.
C. Use specific tools for each project to provide some level of separation.
D. All of the mentioned

Correct Answer: OPTION  D

We can review the documentation for the command-line tool from Getting Started in Application Details. From the Application Details page, click __________ on the left navigation bar to review the documentation.

A. Getting started
B. Overview
C. Connections

D. Something else

Correct Answer: OPTION A

In order to use the IBM cloud CLI, choose the correct option to install the IBM cloud CLI?

A. First download the most recent IBM Cloud (bx) CLI installer

B. IBM cloud CLI is preinstall

C. Download and install cloud foundry

D. Something else

Correct Answer: OPTION D

Choose the correct option to connect to your IBM Cloud account using the IBM Cloud CLI?

A. bx login -a https://api.ng.bluemix.net -u “IBMAccount ID”

B. bx target -o vy301-q3w -s dev

C. ibcloud login

D. Both bx login -a https://api.ng.bluemix.net -u “IBMAccount ID” and ibcloud login will work

Correct Answer: OPTION D

IBM Eclipse Tools for IBM Cloud adds the following features to the Eclipse IDE?

A. Start, stop, debug, and publish applications to the IBM Cloud account.

B. Map a project in the Eclipse workspace to an IBM Cloud application.

C. Define IBM Cloud environment variables as part of the deployment process.
In order to work with IBM cloud using eclipse, we need to______________?

A. Download and install the latest version of Java Development Kit Jdk.
B. Download and install the latest version of Eclipse IDE for Java EE.
C. Install Eclipse tools for IBM Cloud.
D. All of the mentioned.

Correct Answer: OPTION D

Which IBM cloud tool helps in monitoring application's performance

A. IBM Cloud APM
B. IBM Cloud NOI
C. IBM Status Console
D. None of the mentioned

ANSWER. A

Which IBM cloud tool collects, correlate and consolidates millions of cloud events into logs

A. Cloud Event Manager
B. Cloud Event Management
C. Cloud Application Performance Management
D. None of the mentioned

ANSWER. B
What is IBM-NOI

A. Network operations insight  
B. Netcool operations insight  
C. Netcool operation insider  
D. All of the mentioned  
**ANSWER. B**

Which tool displays state of IBM cloud platform, runtimes and services

A. Cloud APM  
B. Cloud CEM  
C. Cloud Status Console  
D. Cloud Service Monitor  
**ANSWER. C**

What is IBM CAM monitoring tool

A. Cloud Automation Manager  
B. Cloud Monitoring Manager  
C. Cloud Application Manager  
D. None of the mentioned  
**ANSWER. A**
Which service automatically collects metric data from IBM Cloud applications and services, eliminating the need for agents?

A. Cloud Manager
B. Cloud Matrix
C. Cloud Metric
D. Cloud Monitoring

ANSWER: D

Which service is an open source systems monitoring and alerting toolkit that, together with Kubernetes, is part of the Cloud Native Computing Foundation?

A. Cloud Native
B. Cloud Monitor
C. Prometheus
D. None of the mentioned

ANSWER: C

Which service helps DevOps teams monitor the performance, availability, and response times of applications?

A. Cloud Application Manager
B. Cloud Application Monitor
C. Cloud DevOps Manager
D. None of the mentioned

ANSWER: A
Service that enables the secure and reliable search & visualization of data

A. ElastiCloud
B. Elastisearch
C. Elatilogs
D. Cloud Analysis

ANSWER. B

Which is NOT a feature of IBM Cloud Log Analysis

A. Collects and aggregates application and platform logs for consolidated application or insights
B. It automatically collects data from selected IBM Cloud services
C. Can collect logs from all types of workloads
D. Automates application debug

ANSWER. D

What is full form of REST

A. Representational Service Transition
B. Representational State Transfer
C. Referential State Transfer
D. Referential Service Transition

ANSWER. B
Which reason(s) makes REST useful

A. Simplicity
B. Lightweight
C. Stateless
D. All of the mentioned

ANSWER: D

What is meaning of 'REST is stateless'

A. It stores state
B. When app response is returned, no state remains on server
C. Server state is unknown
D. None of the mentioned

ANSWER: B

Which service combines with REST to give maintainable and highly modular system

A. Stateless System
B. Self-descriptive
C. Microservices
D. APIs

ANSWER: C
Select the correct method to specify secure gateway server and port number while enabling REST APIs

A. cloudHost::port
B. cloudHost-port
C. cloudHost:port
D. cloudHost=port

ANSWER. C

Which option is selected to finalise on-premise API publishing using secure gateway

A. Save
B. Publish
C. Stage
D. Console

ANSWER. B

Select preferred protocol used for secure communication and transfer through secure gateway

A. SSL
B. SSH
C. TCP
D. TLS

ANSWER. D
What is full form of ACL
A. Access control list
B. Access config list
C. Allowed computers list
D. Allowed consumer list
ANSWER. A

A middleware used to send messages between clients and works via message queues
A. Java Message Service
B. Java Messenger Socket
C. Java Queueing Service
D. None of the mentioned
ANSWER. A

Which feature of JMS brings advantage over RESTful services
A. Redundancy
B. Asynchronous Messaging
C. Loose Coupling
D. All of the mentioned
ANSWER. D
What is TLS authentication

A. Trivial Layered Service
B. Transport Layer Security
C. Transport Layer Service
D. Transition Layer Security

ANSWER. B

What is useful feature of TLS that manages traffic floods in non enterprise requests

A. Report Mode
B. Force Mode
C. Enforced Mode
D. Verification Mode

ANSWER. A

What happens in Enforced Mode of TLS verification

A. All requests are allowed
B. All invalid requests go through TLS verification
C. All requests go through certificate verification
D. All invalid requests are ignored

ANSWER. C

What is the additional proposed security measure for SSL/TLS client and cloud hosts
A. UID

B. PWD

C. Pattern Code

D. None of the mentioned

ANSWER. C

What is the default port number used by secure gateway client connection

A. 8080

B. 9080

C. 9001

D. 9003

ANSWER. D

A secure gateway can connect

A. on-prime to cloud

B. cloud to on-prime

C. cloud to cloud

D. All of the mentioned

ANSWER. D

Which operating systems are supported by secure gateway client connection

A. Mac OS
B. Windows

What is full form of REST

A. Representational Service Transition
B. Representational State Transfer
C. Referential State Transfer
D. Referential Service Transition

ANSWER. B

Which reason(s) makes REST useful

A. Simplicity
B. Lightweight
C. Stateless
D. All of the mentioned

ANSWER. D

What is meaning of 'REST is stateless'

A. It stores state
B. When app response is returned, no state remains on server
C. Server state is unknown
D. None of the mentioned

ANSWER. B

Which service combines with REST to give maintainable and highly modular system
A. Stateless System
B. Self-descriptive
C. Microservices
D. APIs

ANSWER. C

Select the correct method to specify secure gateway server and port number while enabling REST APIs
A. cloudHost::port
B. cloudHost-port
C. cloudHost:port
D. cloudHost=port

ANSWER. C

Which option is selected to finalise on-premise API publishing using secure gateway
A. Save
B. Publish
C. Stage
D. Console

ANSWER. B
Select preferred protocol used for secure communication and transfer through secure gateway
A. SSL
B. SSH
C. TCP
D. TLS
ANSWER. D

What is full form of ACL
A. Access control list
B. Access config list
C. Allowed computers list
D. Allowed consumer list
ANSWER. A

A middleware used to send messages between clients and works via message queues
A. Java Message Service
B. Java Messenger Socket
C. Java Queueing Service
D. None of the mentioned
ANSWER. A
Which feature of JMS brings advantage over RESTful services

A. Redundancy
B. Asynchronous Messaging
C. Loose Coupling
D. All of the mentioned

ANSWER. D

What is TLS authentication

A. Trivial Layered Service
B. Transport Layer Security
C. Transport Layer Service
D. Transition Layer Security

ANSWER. B

What is useful feature of TLS that manages traffic floods in non enterprise requests

A. Report Mode
B. Force Mode
C. Enforced Mode
D. Verification Mode

ANSWER. A

What happens in Enforced Mode of TLS verification
A. All requests are allowed
B. All invalid requests go through TLS verification
C. All requests go through certificate verification
D. All invalid requests are ignored

ANSWER. C

What is the additional proposed security measure for SSL/TLS client and cloud hosts

A. UID
B. PWD
C. Pattern Code
D. None of the mentioned

ANSWER. C

What is the default port number used by secure gateway client connection

A. 8080
B. 9080
C. 9001
D. 9003

ANSWER. D

A secure gateway can connect

A. on-prime to cloud
Which operating systems are supported by secure gateway client connection

A. Mac OS
B. Windows
C. Linux
D. All of the mentioned

ANSWER. D

What is/are essential parameters required for connecting application client system to secure gateways

A. Gateway ID
B. Security Token
C. Both Gateway ID and Security Token
D. None of the mentioned

ANSWER. C

Which of following is NOT a acl command

A. no acl
B. acl allow

C. acl display

D. acl deny

ANSWER. C

To provide access through ACL to IP address 10.1.1.50 over port number 8010, which acl command can be used

A. no acl 10.1.1.50:8010

B. acl allow 10.1.1.50:8010

C. acl allow 8010

D. acl allow 10.1.1.50

ANSWER. B

C. Linux

D. All of the mentioned

ANSWER. D

What is/are essential parameters required for connecting application client system to secure gateways

A. Gateway ID

B. Security Token

C. Both Gateway ID and Security Token

D. None of the mentioned
ANSWER. C

Which of the following is NOT an ACL command:

A. no acl
B. acl allow
C. acl display
D. acl deny

ANSWER. C

To provide access through ACL to IP address 10.1.1.50 over port number 8010, which ACL command can be used:

A. no acl 10.1.1.50:8010
B. acl allow 10.1.1.50:8010
C. acl allow 8010
D. acl allow 10.1.1.50

ANSWER. B

How to connect Cloudant database service with an app in IBM cloud:

A. Create database in cloud
B. Create service credential
C. Copy hostname, username, and password and paste in .env file
D. Push app and restage
B. Create database in cloud

Copy hostname, username and password and paste in .env file

Push app and restage

C. Create database in cloud

Copy hostname an username and paste in .env file

Push app and restage

D. None of above

Correct Answer: OPTION  A

Sequence of continues delivery

A. Build  and Test

B. Build, Test and Deploy

C. Deploy and Test

D. Build, Deploy and Test

Correct Answer: OPTION  D

How to add delivery pipeline

A. Create a toolchain from an existing Cloud Foundry application. The resulting toolchain contains a pipeline.

B. Create a toolchain from a template that includes at least one pipeline.

C. Add the Delivery Pipeline tool integration to an existing toolchain.

D. All of above
A company wants to build a test environment to test software updates and new solutions. The environment should mirror the production environment and be secure and inaccessible from outside the company network. The company does not want to invest in infrastructure that may be idle for a significant amount of time. Which cloud computing model will satisfy all these requirements?

A. Public Cloud
B. Private Cloud
C. External Cloud
D. Virtual Private Cloud

Correct Answer: OPTION D

Which three features are provided by IBM Bluemix DevOps Services? (Select three.)

A. web code editor, Delivery Pipeline, source control management
B. Database management, web code editor, automatic unit test generation
C. Application usage statistics, automatic unit test generation, web code editor
D. Automatic unit test generation, Application usage statistics, web code editor

Correct Answer: OPTION A

A developer wants to deploy and start a large application to IBM cloud. When they enter the command `ibmcloud cf push appname`, the following error is shown: 0 of 1 instances running, 1 starting 0 of 1 instances running, 1 down FAILED Start app timeout What option is available for the developer to resolve the issue?

Correct Answer: OPTION D
A. Increase the start timeout in manifest.yml of the application.

B. Increase the deploy timeout in manifest.yml of the application.

C. Increase the upload timeout in manifest.yml of the application.

D. Increase the staging timeout in manifest.yml of the application.

Correct Answer: OPTION A

A developer wants to deploy and start a large application to IBM cloud. When they enter the command ibmcloud cf push appname, the memory error show

A. Increase memory in manifest.yml file

B. Decrease memory in manifest.yml file

C. Limit memory in manifest.yml file

D. None of above

Correct Answer: OPTION A

A developer wants to deploy and start an application to IBM cloud. When they Start application, 404 error show

A. Random-route: true

B. Application-route: true

C. Application: true

D. route: true

Correct Answer: OPTION A
Types of performance tests – select correct

A. Load Testing, Unit Testing, Capacity testing
B. Load Testing, Black Box Testing, Capacity testing
C. Load Testing, Stress Testing
D. Load Testing, Stress Testing, Capacity testing

Correct Answer: OPTION  D

Based on the Twelve-Factor App methodology, how should developers share common code between two Node.js applications in IBM Cloud PaaS?

A. duplicate the common code in each application repository
B. use only one repository for both applications and the common code
C. use one repository for both applications and another repository for the common code
D. create a npm package for the common code and add the dependency to it for both applications

Correct Answer: OPTION  B

What would be used to satisfy customer requirement for on premises cloud installation.

A. IBM Smart business development and Test Cloud
B. IBM Cloud Burst
C. IBM Cloud Burst and Development Test
D. All of above

Correct Answer: OPTION  A
What is node sync?

A. IBM WAS Sync always happens from local to local repository, so it’s one-way communication.

B. IBM WAS Sync always happens from master to local repository, so it’s one-way communication.

C. IBM WAS Sync always happens from local to master repository, so it’s one-way communication.

D. IBM WAS Sync always happens from master to master repository, so it’s one-way communication.

Correct Answer: OPTION  B

How to create DevOps toolchain skeleton.

A. Step 1  From the DevOps toolchain dashboard, click Create a Toolchain.

Step 2 Select the Build your own toolchain template and click Create.

Step 3 On the Build your own toolchain page, enter a name for your toolchain, and select the same region and resource group that you used for your Continuous Delivery service instance. Then, click Create.

B. Step 1  From the DevOps toolchain dashboard, click Create a Toolchain.

Step 2 Select the Build your own toolchain template and click Create.

C. Both A and B

D. None of above

Correct Answer: OPTION  A
What is kubernetes cluster?

A. A cluster is the foundation of Google Kubernetes Engine: the Kubernetes objects that represent your containerized applications all run on top of a cluster.

B. A cluster is the foundation IBM Engine: the Kubernetes objects that represent your containerized applications all run on top of a cluster.

C. A cluster is the foundation of Microsoft Kubernetes Engine: the Kubernetes objects that represent your containerized applications all run on top of a cluster.

D. All are correct

Correct Answer: OPTION  A

How to run liberty starter kit in localhost

A. Step 1 git clone https://github.com/ibm-cloud/get-started-java and extract

Step 2 cd get-started-java

Step 3 mvn clean install

Step 4 tomcat install liberty:run-server

B. Step 1 git clone https://github.com/IBM-Cloud/get-started-java and extract

Step 2 cd get-started-java

Step 3 tomcat clean install

Step 4 mvn install liberty:run-server

C. step 1 git clone https://github.com/ibm-cloud/get-started-java and extract

Step 2 cd get-started-java

Step 3 mvn clean install

Step 4 mvn install liberty:run-server
D. None of above

Correct Answer: OPTION C

What is REST
A. Representational State Transfer
B. Representational Static Transfer
C. Representational Time Transfer
D. Representational Equal State Transfer
Correct Answer: OPTION A

What is API
A. Application Programming Interface
B. Advanced Programming Interface
C. Active Programming Interface
D. Application Procedure Interface
Correct Answer: OPTION A

How to create API key
A. npm install -g apiconnect - cd my-notes - apic edit
B. npm install -g apiconnect - apic loopback - cd my-notes - apic edit
C. apic loopback - cd my-notes - apic edit
D. None of above
Correct Answer: OPTION B

What is the HTTP Code 200 Indicates?

A. Warning
B. Complete
C. Error
D. Success

Correct Answer: OPTION D

How to install apiconnect toolkit

A. npm config -g set strict-ssl false - npm install -g apiconnect
B. npm install -g apiconnect - npm config -g set strict-ssl false
C. npm install -g apiconnect
D. All are correct

Correct Answer: OPTION C

How to install microgateway

A. npm install -g microgateway
B. install -g microgateway
C. npm -g microgateway
D. sudo -i microgateway

Correct Answer: OPTION A
How to add data source in API

A. From the navigation, click Data Sources. Then click the Add button. A New LoopBack Data Source dialog will open.

B. From the navigation, click Data Model. Then click the Add button. A New LoopBack Data Source dialog will open.

C. From the navigation, click API. Then click the Add button. A New LoopBack Data Source dialog will open.

D. From the navigation, click Products. Then click the Add button. A New LoopBack Data Source dialog will open.

Correct Answer: OPTION A

Which is Secure gateway client gateway authentication port

A. 443

B. 444

C. 445

D. 442

Correct Answer: OPTION A

Which of the following area of cloud computing is uniquely troublesome?

A. Auditing

B. Data integrity

C. Discovery for legal compliance
D. All of the mentioned
Correct Answer: OPTION D

Which of the following is used for Web performance management and load testing?

A. VMware Hyperic
B. Webmetrics
C. Univa UD
D. Tapinsystems
Correct Answer: OPTION B

Secure gateway is compulsory service required for all applications

A. True
B. False
C. Wrong Statement
Correct Answer: OPTION B

ACL stands ..

A. Access Control List
B. Account Control List
C. Audit Control List
D. Automatic Control List
Correct Answer: OPTION A
Which code not used for secure gateway error handling

A. 200
B. 409
C. 400
D. 100

Correct Answer: OPTION D

To find the install status of the Secure Gateway client, which command is used

A. `sudo dpkg -l | grep ibm-securegateway-client`
B. `sudo dpkg -r | grep ibm-securegateway-client`
C. `sudo dpkg -f | grep ibm-securegateway-client`
D. `sudo dpkg -d | grep ibm-securegateway-client`

Correct Answer: OPTION A

To uninstall the Secure Gateway client removing everything use the following

A. `sudo dpkg --purge ibm-securegateway-client`
B. `yum dpkg --purge ibm-securegateway-client`
C. `dpkg --purge ibm-securegateway-client`
D. `root dpkg --purge ibm-securegateway-client`

Correct Answer: OPTION A
Do I need to run the Node.js app in the same IBM Cloud space as the Secure Gateway service?

A. Yes
B. No
C. Wrong Statement
D. None of above

Correct Answer: OPTION  B

Can I retrieve error level logs for the Secure Gateway server?

A. Error level logs on the server cannot be retrieved. Only errors that are made at the time of the request can be seen.
B. Error level logs on the server cannot be retrieved.
C. Only errors that are made at the time of the request can be seen.
D. All of the above

Correct Answer: OPTION  D

How do I get connections information such as the amount of the real-time connections, the data size sent and received from Secure Gateway Client?

A. On Secure Gateway client interactive command line: Type s to print the connection status details.
B. On Secure Gateway client UI, click the Connection Information menu
C. A and B
D. None of above
Correct Answer: OPTION  C

Where can I receive Secure Gateway notifications, especially for disruptive maintenance?

A. Status Page
B. Home
C. Login Page
D. Error Page

Correct Answer: OPTION  A

Which port is used between Secure Gateway Client and Secure Gateway Server

A. 9000
B. 9001
C. 8080
D. 9090

Correct Answer: OPTION  A

Secure gateway does not support continues delivery

A. True
B. False

Correct Answer: OPTION  B

Is it possible to import secure gateway service configuration
A. Yes

B. No

Correct Answer: OPTION A

Secure Gateway is an application service

A. True

B. False

Correct Answer: OPTION B

Select secure gateway disadvantage

A. Troubleshooting secure gateway is difficult

B. Since a gateway must translate information from different protocols

C. Gateways can also be programmed to grant or deny certain users privileges

D. Some networks are set up through a router

Correct Answer: OPTION A

IBM provide secure gateway service?

A. True

B. False

***END***