Q.No.	Question	Option "A"	Option "B"	Option "C"	Option "D"
1	Which one of the following statements about DevOps Goal is incorrect?	Lower failure rate of new releases	Faster deployment frequency	Faster market time	Slower mean recovery time
2	Microservices provide user ?	Dependent Deployment	Technology Diversity	Higher Deployment Time	High Degree of Coupling
3	Which of the following is disadvantage of implementing Microservices	Microservices doesn't pose any security challenges	Microservices are less expensive	Due to high volume of remote calls increase in network latency	Microservices doesn't require cultural changes
4	Developer Machine Crashed and he lost his all project data, He maintained his project data on github, which command will be used to restore the project data	git pull	git push	git commit	git init
5	Git command used to put the new/changed data into the Staging environment.	git init	git add	git push	git remote add origin
6	Command git checkout -b bugs is used for?	Create a+ branch bugs	Checkout to branch bugs	Create and Checkout the branch bugs	Initialize the branch bugs
7	Developer created a new git branch <bugs> and fixed the bugs in the newly created branch bugs, now he want to release it by adding those changes into the master branch, which git command will be useful?	git add -A	git checkout master and git merge bugs	git checkout master and git commit	git push bugs
8	How do you create a copy of a lab under your own GitHub account so that you can solve the lab?	Forking it via the GitHub interface.	git pull	git clone	git fork
9	Which statement is Not True about git:	Good distributed model as each developer gets a local repository with a full history of commits which makes git fast compared to other VCs	Branching capabilities and merging are easy (as they are cheap), good data integrity.	GIT needs multiple branches to support parallel developments used by the developers	The push/pull operations are slower in git/github

Q.No.	Question	Option "A"	Option "B"	Option "C"	Option "D"
10	A standard unit of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another is?	Package	Container	Program	Project
11	Which is the Correct Statement about Containers?	Only available for Linux Machines	Only available for Windows Machines	Containerized software will be dependent on the host infrastructure	Containers isolate software from its environment and ensure that it works uniformly despite differences for instance between development and staging
12	Where all the docker images stored so that it can be pulled?	Docker Image Repository	Docker Hub	Docker Store	Docker containers
13	Docker command used to create and run the container from existing docker image?	docker run -it -d <image name>	docker run -i <image name>	docker run -t <image name>	docker run <image name>
14	Docker command used to see all running containers?	docker ps -a	docker ps	docker ps -r	docker ps -i
15	YAML is mostly used for writing?	Database commands	Data storage	Configuration files	Image storage
16	Kubernetes and Docker swarm are?	Data serialization tool	Containeraization tool	Imaging tool	Container Orchestration tool
17	What is Not True about Kubernetes?	Auto Scaling	Easy to start cluster	Easy to scale	Monitoring within container
18	What is True about Docker Swarm?	Auto Scaling	Easy to start cluster	Light weight	Monitoring with third party tools
19	Jenkins is used for?	Running test cases	Building code	Deploying Code	Building, testing, documenting the software and deploying.

Q.No.	Question	Option "A"	Option "B"	Option "C"	Option "D"
20	Which is the general purpose and most flexible project for creating Jenkins job ?	Freestyle project	Multiconfiguration job	Maven Project	Pipeline project
21	What are the problems before Continuous Integration?	Software delivery is slow	Feedback on building and testing is very quick	Easy to locate the bugs	Software developer able to commit every change they made and see the test results
22	What is CICD?	Continuous Integration and Continuous Deployment	Continuous Increment and Continuous Delivery	Continuous Integration and Continuous Delivery	Continuous Increment and Continuous Deployment
23	What is Not True about Cloud ?	Setup is expensive	Easy to scale	Pay as you use	Troubleshooting
24	Cloud Computing is not used for?	Storing data on remote servers	Storing data on local machine	Processing data from remote servers	Accessing data from internet
25	Which cloud model is suitable where cloud provider leases application or softwares which are owned by them to its client	SaaS	PaaS	IaaS	RaaS
26	Which is the best fit cloud model which gives the ability to the customer to deploy customer created apps using programming language, tools etc.. that are provided by cloud provider?	SaaS	PaaS	IaaS	RaaS
27	Which deployment model I should use if I want to host the service for limited number of users behind firewall so as to minimize security concerns	Public Cloud	Protected Cloud	Hybrid Cloud	Private Cloud
28	Which cloud provider is having the highest market share in industry?:	Digital Ocean	Microsoft Azure	AWS	GCP

Q.No.	Question	Option "A"	Option "B"	Option "C"	Option "D"
29	Product-oriented approach of running a program to determine if it has any defects, as well as making sure that the software meets all of the requirements put forth by the stakeholders is?	Quality Control	Quality Assurance	Software Testing	Integration Testing
30	Process-oriented approach that focuses on making sure that the methods, techniques, and processes used to create quality deliverables are applied correctly	Quality Control	Quality Assurance	Software Testing	Integration Testing
31	It is a type of software testing performed to identify bugs before releasing the product to real users or to the public.	Beta Testing	System Testing	Unit Testing	Alpha Testing
32	A document which has a set of conditions or actions that are performed on the software application in order to verify the expected functionality of the feature.	Test Plan	Test Case	SRS	Traceability Matrix
33	A defect is:	Fault in the software that's detected during testing time	A mistake while coding	Variance between expected and actual	Entire build not working
34	Choose the Correct Statement from below	Manual Testing is highly susceptible to human error and are risky	Test types like load testing and performance testing are possible manually	Regression tests are not time-consuming if they are done manually	Scope of automation testing is very limited when compared to manual testing
35	Testing of a previously tested program to ensure that defects have not been introduced or uncovered in unchanged areas of the software, as a result of the changes made is called?	Performance Testing	System Testing	Regression Testing	User Acceptance Testing
36	Which commands would be the best two to use, in case I want to validate the button has appeared on a page?	verifyTextPresent/assertTextPresent	verifyElementPresent/assertElementPresent	verifyAlertPresent/assertAlertPresent	verifyAlert/assertAlert

Q.No.	Question	Option "A"	Option "B"	Option "C"	Option "D"
37	Which of the following is the most common way of finding the element on webpage?	Id	xPath	CSS Selector	Model Name
38	If you wanted do a partial match on an attribute on an element from the beginning of the value in selenium what will be used?	ends-with()	begin-with()	starts-with()	starts()
39	In Selenium if I want to find anything what I should use?	**	.*	++	+*
40	Which language is not supported by Selenium	PHP	Java	.Net	ASP