1.james pulls "httpd:latest" image from DockerHub registry into his ubuntu machine. Where does this image get stored in his machine? —------> /var/lib/docker

2.which of the following statements is/are the features of Docker Compose?”multiple isolated env. On a single host —--------------> “multiple is isolated environment on a single host”.--------“only recreate containers that have changed”.

3. what provides a layer of seclusion for Docker containers to work in an isolated workspace? —----------------> Docker Namespace

4.Gary wants to setup Docker compose on Windows OS. His colleagues suggested him with following steps. —--------->>First install docker desktop—----docker compose comes preinstalled with docker desktop in windows.

5. what does “docker ps -l” command do? —--------> Display the recently created container irrespective of the state.

6. Sam has a Docker ID in DockerHub and a private repository "myimages" in it. In his local machine —------------>>The naming convention for uploading the image to a

7. Joy is a system administrator. He is assigned with infra management for telecom application.----------------->In the current directory, create docker-compose.json , then use "docker-compose up -d" to bring up application and "docker-compose scale (container name)=(instances needed)" for scaling.

8. Ben runs a centos container using the image "centos:latest" in his local machine. He installs few packages in the container—-------->Docker images are made up of layers

9. Kenn is systenn admninistrator, he has got a task to make a documentation on docker compose for his team members. He—------->1,2,3

10. Hazel is migrating applications to Kubernetes cluster and tries to spin up a 7-node cluster with 2 master nodes. she identifies—------->All nodes

11.Brian is trying to create deployments in Kubernetes cluster using a pod template. Which among the following manages the—------->Controller

12. IS it mandatory to pre-download the docker images and Kubernetes binaries for setting up Kubernetes —------->yes, it is required

13. Ria placed MySQL and Redis containers in a pod. Which among the following will be shared by these container—----------> All of the options

14. Ann wants to setup a Kubernetes cluster with 3 nodes to manage workload, Her attempt to install master node components—-------> Install few master node components in the same VM, and remaining in another VM.

15.Marcus is a beginner to Kubernetes environment and not well versed with kubectl. He installed Kubernetes dashboard —--->all of the option

16.How does docker provide container networking with support to multiple network drivers, and does docker support ipv6—--->it provides support using CNM and yes Ipv6 address is supported

17.which of the following is a default network driver for docker engine?--------->Bridge

18. jack wants to create a docker volume, datavol2. What are the different commands through which he can achieve this—-------->docker run -ti name=(Container name) -v datavol2:/datavol2 (image name)-----docker volume create --name datavol2.

19.Tom, developer has deployed a container, web-serverl . Jerry who is Tom's teammate, wants to access the content in web- server 1 from the web-server2 ---------------------->docker run -ti --name=web-server2 --volumes-from web-server1:ro -v Vol1:/container\_volume1 simple-webapp

20.a in kubernetes ensures the stable set of replica pods running at any given time—------> Replica set

21. Harris an administrator of kubernetes cluster environemt, createdABC\_TelConn—-----> 5 times mysql-pod has 2 container.

22. Cyril has deployed pods using Kubernetes Deployment. What are the various operations that he can perform using deployments—------->scale up or down the number of instances according to the load on the application.---roll-out and Rollback updates

23.an e-commerce micro service application deployed using Kubernetes comprises of a front-end pod which needs to scaled up and down—----------->either Replication Controller or Replica Set

24.joe has created a pod named "nginx-dev-pod" for deploying a web application in the development environment with the following status "createContainerError"----------> all of the options

25.you have created a namespace "abc-dev-ns" for logically categorizing all the development related objects that belong to ABC\_TeleConn client,---------->both (i) and (ii)

26.There is a namespace "dev-ns" in your Kubernetes cluster environment. You are executing the following namespace related—------->Command 1 will throw an error "exactly one NAME is required". Command2 will delete "dev-ns" "namespaces, test-ns and prod-ns not found"

27.In a Kubernetes Cluster there are a pod replicas available which were deployed as a part of Kubernetes Deployment named "simple-deploy"------------>it will create 4 more instances

28.you are new the Kubernetes environment and have limited knowledge on writing the Kubernetes objects manifest file for creating a deployment.----->only (ii)

29.you created a pod named "nginx-dev-pod" in the namespace "abc-tc-ns" for deploying some web application. Now, you have edited the yaml file of this pod and changed the name of the pod as "nginx-dev-pod1 —------->it will create a new pod named "nginx-dev-pod1" and won't do any change on the existing pod "nginx-dev-pod"

30.Jimmy, a developer is working on a micro-service application deployed using Kubernetes Objects. His applications involve various stages such as testing, sprint—-------->metadata

31.which of following statements are TRUE with respect to Kubernetes Service specification file?----------->service specification file without a type field under spec will create service of type Cluster IP by default.-----the target Port field points to the port number dedicated to the Kubernetes Service Object

32.identify the kubernetes object used to store non-confidential application environment data in the form of key value pairs.----------->configmap

33.which of the following option lets the administrator configure config map for a pod?------->envFrom

34.Zoe displayed the log aggregrator using Daemon set in her Kubernetes cluster consisting Of a master and three worker nodes.---------->Rolling Updates

35.which of the following is the best suited option while creating a secret having multiple fields or values?---------->Declarative method

36.Ted, who is a developer wanted to share the database credentials within the container to access his application data which was deployed as a pod in Kubernetes cluster—------->Embed within the application container image itself

37.kenny is a beginner learning Kubernetes administration. He is creating a config map object to store his application configuration he—--------->data

38.michael is a kubernetes administrator. He had deployed few applications as pods in his cluster. He shared the credentials of web server—------------>he can use kubectl describe secret to view the data

39.mary is a kubernetes administrator. She configured a three node Kubernetes cluster with a single master and two worker nodes. she wanted to collect the metrics of node's resource utilization using a monitoring agent—---------------->deploy the monitoring agent as Daemon set instead of Replication Controller so that the monitoring agent will be deployed on all the nodes in the cluster

40.james created a new tag, “ Centos:1.0” for the centos:lattest” image in his local machine and runs the—----------->the container is in running state—----removing is not successful because the container using the image is still running.

41.Namespace "test-ns" was created for testing purpose using "kubectl create ns test-ns" command. Now, you need to delete this namespace as the testing activities are over.--------------> Command "kubectl delete ns test-ns" will delete the namespace including the objects that exist in it iresspective of their state.

42.Updated version of an application named "Infytel:v3" is rolled-out using Kubernetes deployment named "myapp-deploy•. But after testing, the developer wants—--------->kubectl rollout undo deployment/myapp-deploy

43. Stacy as a Kubernetes administrator Of ABC \_ TeleConn project, executes the below command to create a nginx container for testing the web application. —--------->kubectl apply command will implicitly ignore the error and create a pod "nginx-dev-pod" successfully in the running state

44.As a Kubernetes administrator, you need to create mysql, nginx and few more other pods that are related to ABC\_TeleConn client.-------------->mysqldb-pod is the live object and nginx•dev-pod is the new object

45.In a Kubernetes environment there are 9 pod replicas running as front-end web-servers, Now, due to the decrease in number of users accessing the web.service, the company has decided to bring down the number of pods to 5 replica instances..----------> (i) and (iii)

46.Clara is new to the Kubernetes cluster environment. She wants to view the namespaces that are available in the cluster before proceeding with any other activities.------------>All of the options

47.Kenny, a developer who has his application running as pod in Kubernetes cluster wanted to share the credentials of DB and web server in the form of secrets. —----------->Use multiple --from-file option while creating the secret

48.Below are the list of namespace that are available in the kubernetes cluster environmentNamespace "test-ns" was created for testing purpose using "kubectl create ns test-ns" command.------------->only(i)

49.Henry is a beginner to Kubernetes platform. He is learning about various objects in Kubernetes. He listed the pods running on all the available namespaces in his Kubernetes cluster and found that there were many pods running.--------------------->Flannel

50.A &blank\_ in Kubernetes is an abstraction which defines a logical set of pods and a policy to access them.------------>service

51.Harry is creating a pod definition file to host his micro-service application in Kubernetes cluster. He has deployed the config map associated with the application—------->test-deploy

52.A developer deployed his application on Kubernetes cluster. Now, he wants to share the SSL certificate used to encrypt the application data of the container. Which of the following Kubernetes—----------->secrets

53.A developer wants to deploy his e-commerce application on Kubernetes cluster. He wanted to separate the configuration inforrnation of the application from—---------->configMap

54.Sam wants to access the micro service application deployed in form of pods in Kubernetes Cluster—----------------------->curl http://(Node Machine IP Address):30180

55.Ben is a fresher learning Kubernetes administration. He was learning about creating config map for the applications deployed as From options given—---->all the given options

56.mary is a kubernetes administrator. She configured a three node Kubernetes cluster with a single master and two worker nodes. she wanted to collect the metrics of node's resource utilization using a monitoring agent—------------>deploy the monitoring agent as Daemon set instead of Replication Controller so that the monitoring agent will be deployed on all the nodes in the cluster

57.Sam is a Kubernetes administrator. He handles the cluster using control plane components and uses ETCD tostore the data. ETCD islocated in a server.---------->only ii and iii)

58.Amy is trying to deploy 3 network related applications in a Kubernetes Cluster and finds out some proxy related errors in logs. Which ofthe following Statement's is/are true with respect to Kube-proxy?------------->both i) and iii)

59.worker nodes were previously known as \_\_\_\_\_\_ —-------> minions

60.JOY, a aevetoper wants to store data from container even after the containers are killed. Jack who is Joys mentor suggests that, Docker Volumes—------>Docker volumes can be created independently or created along with Container creation,-----Docker volumes continue to stay even if the container gets removed.

61.Nate is trying to set up a Kubernetes cluster. He initialized the Master node and tries to add a new node to the cluster. Which Of the followingcommard can be used for this purpose?---------------->kubeadm join

62.eressa is a beginner to Kubernetes platform. She was working for testing and deploying a micro-service application in Kubernetes cluster.----------->configure port values as environment variables through config map

63.A configmap named, data\_conng is created in a Kubernetes cluster environment. Which or thc lollowing section tn the pod must—--------->spec

64.Which of the following Kubernetes ot\*ect ensures that a single copy or the same pod will run on all the nodes conligureO as wooers within the

Kubernetes cluster?------------> Daemon sets

65.Labels are &blank\_ that are attached to Kubernetes objects, such as pods, Services etc.--------------> Key/Value pair

66.sam is a Kubernetes administrator who manages the K8s cluster development environment. He identified all the unwanted pods in this environment—------->

pods are created as part of the replicaset—----Existing pods are getting renamed through this delete command

67. As per the business requirement. you need to create a nginx pod to access the web application Of ABC\_TeleConn client.-----------> either i) or ii)

68. A Feedback application data is written in data base container, admin exits this container. When a docker container exits. which or the below statements are true?--------------> only 3

69.Reed is planning to deploy an application using Tomcat and MySQL containers. Which is a good option. if he plans to scale the containers separately in future?----------->Place both containers in a pod so that the containers can be individually scaled as and When needed.

70.RObert iS a beginner to Kubernetes environment and not well versed with kubectl interface. He is assigned to manage Kubernetes cluster. —--------->Yes. by using the namespace selector located in the navigation menu.

71.Ryan is a Kubernetes administrator managing a 5-node Kubernetes cluster (1 Master + 4Workers). —------->In any or the worker nodes. except master node—--decision will be taken by the scheduler

72.Grace is trying to set up Kubernetes cluster and executed kubeadm init command. The output displays the following commands to be executed:------------>To create a designated work directory for storing and accessing cluster configuration

73.Jane has downloaded the docker images and Kubernetes binaries for setting up Kubernetes cluster. She tries to start the kubelet service—---------> Activating,active

74.Jerry is trying to setup an applications in a single Linux server with docker installed. What is the best solution that can be offered to jerry for running multi-container application using single Linux server?------------>install docker compose, it will pull, build and run all required container with single command

75. Jane starts a background ubuntu container which always prints the no. Of users present inside the container any point Of time.----------> attach containe to the terminal and look at the output.

76.John is a project architect. His application includes more than one container to be built and run at the same time for web server.-----------> “Docker compose. Writing one Yaml file is sufficient to run multiple containers.”

78.docker engine helps us in maintaining multiple versions of the same application in a single machine—-------> true

79.which is the default YAML file under which container configuration should be written in docker compose —---------------> “docker-compose.yml”

80.An ubuntu container is launched and started with the following commands.-------->running

81.Identify the sequence inovhich the given steps have to be executed in order to copy an image from Dockerhub to a local repository?--------------> 1,3,2

82.john want to setup a kubernetes cluster he is confident about the esential component for master node—-----------> controller,scheduler

83.Joy has created a conta.ner application for getting Feedbacks. He has done various operations in it and collected data. Since, the—----------->use bind mount. a directory in the host machine is mapped to a directory in the container.-------Docket Volumes, Volumes are also stored in the host file system but it is completely managed by Docker—-------Data 'n container can be retained, even though the container is a process.

84.James has setup Docker on his Linux server, he wants to create containers so that they use his server'S network interface. —------->”Host”

85.jayden setup the kubernetes cluster locally and created pods for various applications. she i unable to acces the amchine in which cluster is setup. is there any—--------->access dashboard using node port and token

86.sam is working on Kubernetes and he wants to perform operations such as rolIing-out new versions of pod instances as well as—-----------> Deployment

87.Samuel is working with Kubernetes objects and due to increase in the incoming traffic, the number of Kubernetes objects—---------->Attach labels to Kubernetes Objects based on their functionality—---Create suitable namespaces according to functionality and place the Kubernetes objects under them.

88.Jack is using Docker Compose for setting up his application. He wants to know the version of docker compose. Which of the below command(s) should he execute to achieve this?-------> “docker-compose version”

89.The “docker images” command gives the following output in jessica’s machine 1.Tag:2.0 Image ID 789hgh899hg —-------> Error. Because the image is referenced in multiple repositories.

90.Meghan tried to kill one of her container present n the local machine using the “docker kill ” command which of the following signal is sent to the container?-------------> SIGKILL

91.1) Which of the following statement is correct about Virtual Machine?----------->both ii) and iii)

92. 1) Which command should v executes to select particular network driver—---------->“docker run –net (network driver)”

93.Erica wants manage stateful and stateless application in kubernetes cluster. Identify correct statement with regard to mention requirement.---------->both stateful and stateless application can be manage

94.Arya is trying to setup a 5 node cluster locally. She started installation processer and noticed that few pods have status ‘PENDING’---------------> initialize CNI configuration.

95.1) In the Kubernetes cluster environment, namespace “dev-ns” is set as default namespace, so that all the objects can be created in this namespace without specifying it explicitly—-------->It will delete the namespace and retains “dev-ns” as default namespace. Further objects will throw an error “dev-ns” not found.

96.1) As a kubernetes administrator, you are assigned with the task to identify the use cases with respect to namespace object in kubernetes.-------->a. Only ii and iii

97.John has created various pods that are related to backend, frontend , API and others in the namespace “abc-dev-ns” for testing an online application.-------------->only 1

98.As a kubernetes administrator, you want to create few kubernetes objects in the kubernetes specific namespace. You have executed the below command to view the cluster configurations.-------------->It will be created in the namespace “infytel-ns”

99.Simon, who is a kubernetes administrator wanted to update the monitoring agent running as daemon set in his kubernetes cluster—-------->RollingUpdate—-OnCreate

100.Joe is working on kubernetes objects and he wants to delete all pods except those belonging to testing environment. —------------->Kubectl delete pods –selector ‘environment notin(testing)’

101.A kubernetes pod needs to be created with the following metadata attached to the pod.--------->Labels: iii and iv annotations I and ii

102.Emma is a beginner to Kubernetes administration. She was trying to deploy a pod running her customer service application in the Kubernetes cluster. She has created a config map to store the configuration details of the application.----------->The config map was created in a namespace which was not same as the one where the pod is being created.

103.What are the disadvantages of runni g a docker container in the foreground?-------------> i,iiandiii

104.Will wants to run a container. He doesn't have a redis container.He doesn’t have a redis image in his local machine though.------------> Either 1 or 2.

105As a kubernetes administrator, you want to deploy the applications that are developed for ABC\_TeleCOnn client.For better logical organization of Kubernetes objects, you need to create a namespace "abc-tc-ns"------------------>Only ii

106. John is a newly join a member in the Kubernetes project. There a various namespaces created in his project for development ,testing and production purpose. —-------->It shows the objects that are running in the current namespace.

107.Riya is a developer working on hosting a micro-service in Kubernetes cluster. She created a config map named "app\_config" to store her application configuration. Now, she wants to verify the data written into the config map. —------------>Kubectl describe cm app\_config

108.Which of the following statements is/are correct with respect to DockerHub?------------>Users can download Docker image shared by other users through Docker Hub.-----------A docker ID is necessary for every user to download images from public repositories in Docker Hub.

109.Roget tries to deploy a containerized application in the Kubernetes cluster using kubectl command. Which among the following can also be used for the same purpose?--------------->Kubernetes Dashboard

110.a kubernetes deployment file is written and executed to create a deployment named "my-world" which displayes 3 pod replicas as follows —-----------> 3

111. Jack has created an image he wants to create a isolated container out of the image so that container con not send or receive the network traffic which of the following drivers servers the purpose?-------->none

112.You are required to create a mysql pod "mysql-dev-pod" in the namespace "abc.dev-ns" with the following specification (show here is required partial content) to deploy some web application's backend. S cat nginx-pod.yaml—--------->It will create a mysql pod successfully in the namespace "abc-dev-ns"