Which one of the following Dockerfile instruction is correct for transferring jar file during build process in /app directory in Docker container?

1. COPY \*.jar /app
2. ADD \*.jar /app
3. PUSH \*.jar /app
4. A & B

**Q6 Which command from following would map ports of Docker container as per below mapping?**

**80 (Host Port) 🡪 80 (Docker Container port)**

**443 (Host Port) 🡪 443 (Docker Container port)**

* docker run -p 80:80
* docker run -p 80:443
* docker run -d 80:80
* docker run -p 80:80 -p 443:443

**Q7 Which one of the following Dockerfile would help to setup Tomcat Apache in Docker image using Ubuntu 22.04 as base OS?**

A)

FROM ubuntu:22.04

RUN apt -y update && apt -y install tomcat9

B)

FROM ubuntu:20.04

RUN apt -y install tomcat9

C)

FROM ubuntu:latest

RUN apt -y update && apt -y install tomcat9

D)

FROM ubuntu:22.04

RUN apt -y update && apt install tomcat9

**Q8) Which of the following statement is correct for Docker Exec command?**

* Allows you to run additional processes outside a container.
* Allows you to go inside Docker container and perform some linux commands.
* It's similar to installing software.
* Allows you to run additional processes in new containers

**Q9) Which command is valid from following for pushing Docker image to Docker hub?**

A)

docker tag image <dockerhubusername>/image

docker push <dockerhubusername>/image

B)

docker push <dockerhubusername>/image

C)

docker pull <dockerhubusername>/image

D)

None of Above

Q10) Which one of the following commands can be used to go inside a container for checking contents of a Docker image?

A) docker run -it <docker-image> bash

B) docker exec -it <docker-image> bash

C) docker exec -it <container-id/container-name> bash

D) A & C

Q11) In order to publish Docker image on Docker Registry which command from following would help you to authenticate?

A) docker push

B) docker login

C) docker publish

D) docker pull

Q12) Which code from following would install Node modules inside Docker image?

A) RUN npm install

B) npm install

C) RUN npm run

D) npm execute

Q13) During Docker image build process in case you want to refer to different Docker file with name DockerImagefile, which command from following would work.?

A) docker build -t image . -f Dockerfile

B) docker build -t image. DockerImagefile

C) docker build -t image DockerImagefile

D) docker build -t image . -f DockerImagefile

Q14) Which one of the following commands would help admins to update new Docker image on Docker Swarm service?

* 1. docker update service --image <image\_name> <service\_name>
  2. docker service update --image <image\_name> <service\_name>
  3. docker service update <service\_name>
  4. docker update service --image <image\_name

Q15) Which one of the following components would be managing workflows and management of Docker swarm cluster?

* 1. Manager
  2. WORKER
  3. ETCD
  4. ADMINISTRATOR

Q16) Which one of the following statements would makes sense for Docker containers?

A Source file which would contain source code and dependencies.

Docker registry where we can store our Docker images.

A running instance of Docker image for running application source code.

None of Above

Q17) Which one of the following statements would makes sense for Docker Volumes?

Docker volume helps to install executables inside Docker containers.

Docker volume helps to make data persistent inside Docker containers.

Docker volume helps to link two different Docker containers.

Docker volume can be used to transfer some files during Docker image build.

Q18) Which one of the following code snippets from Dockerfile would help to assign www-data as owner and Apache as group?

RUN chown -R www-data:apache /var/www/html

RUN chown -p www-data:www-data /var/www/html

chown -R www-data:www-data /var/www/html

chown -p www-data:www-data /var/www/html

Q19) Which one of the following code snippets is correct to deploy Jenkins with Docker compose file?

A)

service:

db:

image: jenkins/jenkins:lts

ports:

- 8080:8080

B)

services:

jenkins:

image: jenkins/jenkins:lts

ports:

- 8080:8080

C)

services:

jenkins:

build: jenkins/jenkins:lts

ports:

- 8080:8080

D)

services:

jenkins:

image: jenkins/jenkins:lts

portsmapping:

- 8080:8080

Q20) Which one of the following code snippets from Docker compose helps to build custom Docker image with Dockerbuildscript build script?

A)

build:

context: ./

B)

build:

context: ./

dockerfile: Dockerfile

C)

build:

context: ./

dockerfile: Dockerbuildscript

D)

compile:

context: ./

dockerfile: Dockerfile