# LPI 701-100 Practice Questions

**Shared by Burton on 21-10-2026**

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## Question 1

Question Type: MultipleChoice

A declarative Jenkins pipeline contains the following excerpt:

parameters {

string (name: 'TargetEnvironment', defaultValue: 'staging', description: 'Target environment')

}

How can a task use the value provided for TargetEnvironment?

### Options:

A- {{TargetEnvironment}}
B- $TargetEnvironment
C- %TargetEnvironment%
D- ${params.TargetEnvironment}
E- $ENV{TargetEnvironment}

### Answer:

B

## Question 2

Question Type: FillInTheBlank

Which elements exist on the highest level of the definition of every Kubernetes Objects? (Specify the name of one of the elements, without any values.)

### Answer:

pod

## Question 3

Question Type: MultipleChoice

How is a Docker container image retrieved from a Docker registry?

## Options:

A- Docker retrieves a ZIP archive which is extracted into the container's root file system.
B- Multiple stacked images are retrieved and layered on top of each other.
C- A flat hard disk image is downloaded once per container and mounted as the root file system.
D- The registry merger all components of the image into one file which is shipped to Docker.
E- The container is built from an ISO file along with a configuration for an unattended installation.

## Answer:

B

## Explanation:

Reference https://www.ibm.com/developerworks/library/mw-1608-tost-trs/index.html

# Question 4

Question Type: MultipleChoice

Which option best sections must exist in a Packer template?

## Options:

A- images
B- provisioners
C- builders
D- variables
E- post-processsors

## Answer:

B

## Question 5

Question Type: MultipleChoice

What is tested by unit tests?

### Options:

A- The syntactical correctness of the source code of a software component.
B- The formal validity of a service's external REST API.
C- The integration of multiple component of the same software.
D- The correctness of a specific function of a software component.
E- The throughput, load capacity and latency of a service.

### Answer:

D

## Question 6

Question Type: MultipleChoice

Which of the log messages below matches the following Logstash grok filter?

grok {

match => [''message'', ''%{SYSLOGBASE} new node %{IPORHOST:node}'' ]

}

### Options:

A- Jun 30 00:36:49 headnode: new node 198.51.100.103 at clustermanager:12353
B- Jun 30 00:36:49 headnode clustermanager[12353]: new node 198.51.100.103
C- Jun 30 00:36:49 headnode clustermanager[198.51.100.103]: new node
D- %{SYSLOG-FROM:headnode clustermanager[12353]} new node 198.51.100.103
E- clustermanager[12353]: Jun 30 00:36:49 headnode new node 198.51.100.103

### Answer:

C

## Question 7

Question Type: MultipleChoice

Which option best information is contained in the output of git status? (Choose three correct answers.)

### Options:

A- Changed files that will not be part of the next commit.
B- Locked files which cannot be edited until the lock is released.
C- Changed files that will be part of the next commit.
D- Unchanged files which have not been edited locally.
E- Untracked files which are not subject to version control.

### Answer:

C, D, E

## Question 8

Question Type: MultipleChoice

If a Dockerfile references the container's base image without a specific version tag, which tag of that image is used to create the container?

### Options:

A- latest
B- default
C- current
D- nightly
E- lts

### Answer:

A

### Explanation:

Reference https://docs.docker.com/engine/reference/commandline/build/

## Question 9

Question Type: MultipleChoice

Which configuration option in the Ansible inventory is issued control privilege escalation of the remote user?

### Options:

A- priv_user
B- elevate
C- super
D- become
E- sudo

### Answer:

D

### Explanation:

Reference https://docs.ansible.com/ansible/2.6/user_guide/become.html

## Question 10

Question Type: MultipleChoice

Which of the following statements are true about Jenkins? (Choose two correct answers.)

### Options:

A- Jenkins is specific to Java based applications.
B- Jenkins can delegate tasks to slave nodes.
C- Jenkins only works on local files and cannot use SCM repositories.
D- Jenkins' functionality is determined by plugins.
E- Jenkins includes a series of integrated testing suites.

### Answer:

B, E

## Question 11

Question Type: MultipleChoice

Which of the following commands lists the nodes in a Docker Swam cluster?

### Options:

A- docker-swarm listnodes
B- docker engine ls
C- docker node ls
D- docker machine ls
E- docker swarm nodes

### Answer:

C

### Explanation:

Reference https://docs.docker.com/engine/swarm/manage-nodes/

## Question 12

Question Type: MultipleChoice

What statement is true regarding the Swarm service created by the following command?

docker service create --name myweb --network webnet --mode global nginx

### Options:

A- It runs exactly one time in the Swarm and cannot be scaled.
B- It runs exactly once on each node in a Swarm.

C- It runs on one node by default and can be scaled to an arbitrary number of replicas.
D- It runs on all nodes which provide the network webnet.
E- It runs only on those nodes which support the network type global.

## Answer:

C

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