Top of Form

Question 1: **Correct**

Sentinel has a built-in test framework to validate a policy behaves as expected.

○

FALSE

○

TRUE

(Correct)

Bottom of Form

Top of Form

Question 2: **Correct**

Permissions exclusive to owners include: (select 2)

☑

Invite users to organization

(Correct)

☑

Publish private modules

(Correct)

☐

Manage policies

☐

Manage workspaces

Explanation

https://www.terraform.io/docs/cloud/users-teams-organizations/permissions.html

Bottom of Form

Top of Form

Question 3: **Correct**

Providers are NOT a type of Terraform "Plugin".

○

FALSE

(Correct)

○

TRUE

Explanation

Providers are a type of Terraform "Plugin".

Bottom of Form

Top of Form

Question 4: **Correct**

SSH keys can be used in two places: (select 2)

☑

They can be assigned to VCS provider integrations

(Correct)

☐

When Terraform needs to clone modules from a Terraform Cloud's private module registry.

☐

To execute GraphQL queries

☑

They can be assigned to workspaces and used when Terraform needs to clone modules from a Git server

(Correct)

Explanation

https://www.terraform.io/docs/cloud/api/ssh-keys.html

Bottom of Form

Top of Form

Question 5: **Correct**

For local state, Terraform stores the workspace states in a directory called terraform.tfstate.d.

◯

TRUE

(Correct)

◯

FALSE

Bottom of Form

Top of Form

Question 6: **Correct**

Which of these are valid Collection Functions in Terraform (select 2)

☑

concat

(Correct)

☐

replace

☐

join

☑

length

(Correct)

Explanation

concat and length are some valid Collection Functions.

https://www.terraform.io/docs/configuration/functions.html

Bottom of Form

Top of Form

Question 7: **Correct**

Which of these following statements are True (select 2)

☑

Users are individual members of an organization.

(Correct)

☑

Teams are groups of users that reflect your company's organizational structure.

(Correct)

☐

Organizations are groups of users that reflect your company's organizational structure.

☐

Teams are shared spaces for teams to collaborate on workspaces.

Explanation

https://www.terraform.io/docs/cloud/users-teams-organizations/index.html

Bottom of Form

Top of Form

Question 8: **Correct**

The private module registry does not support GitLab subgroups.

○

FALSE

○

TRUE

(Correct)

Bottom of Form

Top of Form

Question 9: **Correct**

The "plan" permission set is for people who might propose changes to managed infrastructure, but whose proposed changes should be approved before they are applied.

○

TRUE

(Correct)

○

FALSE

Bottom of Form

Top of Form

Question 10: **Correct**

Sentinel and Cost Estimation are both available at the free tier level.

○

FALSE

(Correct)

○

TRUE

Explanation

Sentinel and Cost Estimation are both available in Terraform Cloud, though not at the free tier level.

Bottom of Form

Top of Form

Question 11: **Correct**

What are some of the disadvatages of using Traditionally managaement infrastructure over Terraform

☑

Requests for hardware requires tickets increasing deployment time.

(Correct)

☑

Insufficient support for cyclic or elastic applications

(Correct)

☐

Lack of support for single-cloud deployment

☐

Lack of skilled employees

Bottom of Form

Top of Form

Question 12: **Correct**

Which of these are valid Encoding Functions in Terraform (select 2)

☐

asciencode

☐

csvencode

☑

urlencode

(Correct)

☑

jsondecode

(Correct)

Explanation

urlencode and jsonencode are valid Encoding Functions in Terraform.
https://www.terraform.io/docs/configuration/functions.html

Bottom of Form

Top of Form

Question 13: **Correct**

Which of the following commands are used for workspace management?

◯

`workspace`

◯

None of the Above

◯

`env`

◯

All of the Above

(Correct)

Explanation

Both `env` and `workspace` commands are used for Workspace Management.

Bottom of Form

Top of Form

Question 14: **Correct**

Prior to mid-2019, _____ was the name of the Terraform Cloud application

◌

Terraform Services

◌

Terraform Provider

◌

Terraform Cloud

◌

Terraform Enterprise
(Correct)

Explanation

Prior to mid-2019, "Terraform Enterprise" (TFE) was the name of the Terraform Cloud application.

Bottom of Form

Top of Form

Question 15: **Correct**

_____ command is used to Manually mark a resource for recreation

◌

`taint`
(Correct)

◌

`apply`

◌

`validate`

◌

`mark`

Explanation

`taint` command is used to manually mark a resource for recreation.

Bottom of Form

Top of Form

Question 16: **Correct**

Terraform automatically rolls back and destroys a resource when a failure happens

◌

FALSE
(Correct)

◌

TRUE

Explanation

Terraform does not automatically roll back and destroy the resource during the apply when the failure happens, because that would go against the execution plan.

Bottom of Form

Top of Form

Question 17: **Correct**

Terraform Cloud supports the following VCS providers: (select 2)

☐

Bubble

☐

AWS

☑

GitHub.com

(Correct)

☑

Bitbucket Cloud

(Correct)

Explanation

https://www.terraform.io/docs/cloud/vcs/index.html

Bottom of Form

Top of Form

Question 18: **Correct**

Terraform CLI currently only supports a single grant type. What is it called _____

◯

["auth_id"]

◯

["auth_code"]

◯

["authz_code"]

(Correct)

◯

["grant_code"]

Explanation

Terraform CLI currently only supports a single grant type: authz_code: authorization code grant. Other grant types may be supported in future versions of Terraform CLI. Check this URL for changes: https://www.terraform.io/docs/internals/login-protocol.html

Bottom of Form

Top of Form

Question 19: **Correct**

S3 stands for _____

◯

Simple Storage Service

(Correct)

○

Simple Service System

○

Simple Storage System

○

Simple Service Storage

Explanation

Amazon Web Services' "Simple Storage Service", a service for storing and retrieving arbitrary blobs of data.

Bottom of Form

Top of Form

Question 20: **Correct**

____ command is used to manually unlock the terraform state

○

`force-pass`

○

`pass`

○

`force-unlock`

(Correct)

○

`unlock`

Explanation

`force-unlock` command is used to manually unlock the terraform state

Bottom of Form

Top of Form

Question 21: **Correct**

Permission to queue plans also grants permission to read runs.

○

FALSE

○

TRUE

(Correct)

Explanation

Some permissions imply other permissions; for example, permission to queue plans also grants permission to read runs.

Bottom of Form

Top of Form

Question 22: **Correct**

Which of these are valid String Functions in Terraform (select 2)

☐

merge

☑
format
(Correct)
☐
concat
☑
regex
(Correct)

Explanation

format and regex are some valid String Functions.

https://www.terraform.io/docs/configuration/functions.html

Bottom of Form

Top of Form

Question 23: **Correct**

_____ command is used to Initialize a Terraform working directory

○

`create`

○

`init`

(Correct)

○

`terraform_init`

○

`initialize`

Explanation

`init` command is used to Initialize a Terraform working directory.

Bottom of Form

Top of Form

Question 24: **Correct**

A module repository must meet all of the following requirements before you can add it to the registry (select 5)

☐

multiple modules per repository

☑

Standard module structure

(Correct)

☑

One module per repository.

(Correct)

☑

Named terraform-<PROVIDER>-<NAME>.

(Correct)

☑

x.y.z tags for releases.

(Correct)

☑

Available in a connected VCS provider.

(Correct)

Explanation

https://www.terraform.io/docs/cloud/registry/publish.html

Bottom of Form

Top of Form

Question 25: **Correct**

Terraform can only be written using the HashiCorp Configuration Language (HCL)

○

FALSE

(Correct)

○

TRUE

Explanation

Terraform is generally written using the HashiCorp Configuration Language (HCL) but can also be written using JSON

Bottom of Form

Top of Form

Question 26: **Correct**

Which of these are valid Hash and Crypto Functions in Terraform (select 2)

☑

bcrypt

(Correct)

☐

sha128

☑

sha256

(Correct)

☐

shamd5

Explanation

bcrypt and sha256 are some valid Hash and Crypto Functions in Terraform.
https://www.terraform.io/docs/configuration/functions.html

Bottom of Form

Top of Form

Question 27: **Correct**

The length of undefined is 0

○

TRUE

○

FALSE

(Correct)

Explanation

The length of undefined is undefined.

Bottom of Form

Top of Form

Question 28: **Correct**

Using Sentinel with Terraform Cloud involves: (select 3)

☐

Enforcing Policy check on deletion

☑

Defining the policies

(Correct)

☑

Mocking Sentinel Terraform data

(Correct)

☑

Enforcing policy checks on run

(Correct)

Explanation

https://www.terraform.io/docs/cloud/sentinel/index.html

Bottom of Form

Top of Form

Question 29: **Correct**

The Terraform language uses configuration files that are named with the _____ file extension

○

.tl

○

.tf

(Correct)

○

.tfl

○

.tfm

Explanation

The Terraform language uses configuration files that are named with the .tf file extension.

Bottom of Form

Top of Form

Question 30: **Correct**

_____ command is used to rewrite config files to canonical format

○

`fmt`

(Correct)

○

`format`

○

`frmt`

○

None of the Above

Explanation

`fmt` command is used to rewrite config files to canonical format.

Bottom of Form

Top of Form

Question 31: **Correct**

_____ command is used to read an output from a state file

○

`reads`

○

`output`

(Correct)

○

`get`

○

`read`

Explanation

`output` command is used to read an output from a state file.

Bottom of Form

Top of Form

Question 32: **Correct**

provider can be a valid identifier name.

○

TRUE

○

FALSE

(Correct)

Explanation

provider can be a valid identifier. However "providers" are not.

https://www.terraform.io/docs/configuration/variables.html

Bottom of Form

Top of Form

Question 33: **Correct**

Which of these are valid File System Functions in Terraform (select 2)

☑

dirname

(Correct)

☐

path

☐

dir

☑

fileset

(Correct)

Explanation

fileset and dirname are valid File System Functions in Terraform .

https://www.terraform.io/docs/configuration/functions.html

Bottom of Form

Top of Form

Question 34: **Correct**

Which of these are valid Type Conversion Functions in Terraform (select 2)

☑

tostring

(Correct)

☐

toint

☐

parseint

☑

can

(Correct)

Explanation

can and tostring are some valid Type Conversion Functions.

https://www.terraform.io/docs/configuration/functions.html

Bottom of Form

Top of Form

Question 35: **Correct**

_____ prints a tree of the providers used in the configuration

◯

`provider_tree`

◯

`providers`

(Correct)

◯

`provider`

◯

`get_providers`

Explanation

`providers` command prints a tree of the providers used in the configuration.

Bottom of Form

Top of Form

Question 36: **Correct**

Read runs: — Implies permission to queue plans.

○

FALSE

(Correct)

○

TRUE

Explanation

Apply runs: — Implies permission to queue plans.

Bottom of Form

Top of Form

Question 37: **Correct**

Which of the following is NOT a part of the Terraform Resource Lifecycle Calls?

○

Commit

(Correct)

○

Apply

○

Diff

○

ValidateResource

Explanation

https://www.terraform.io/docs/internals/lifecycle.html

Bottom of Form

Top of Form

Question 38: **Correct**

Which of these is NOT a valid Terraform Cloud API Token?

○

Administrator Token

(Correct)

○

Team Token

○

Organization Token

○

User Token

Explanation

The API tokens are user, team, and organization.

Question 39: **Correct**

Terraform is available for Unix Operating System

○

FALSE

(Correct)

○

TRUE

Question 40: **Correct**

Identifiers can contain _____

○

underscore

○

numbers

○

hypens

○

letters

○

All of the Above

(Correct)

Explanation

Identifiers can contain letters, digits, underscores (_), and hyphens (-).

Question 41: **Correct**

The existence of a provider plugin found locally in the working directory can create a provider dependency.

○

TRUE

○

FALSE

(Correct)

Explanation

The existence of a provider plugin found locally in the working directory does not itself create a provider dependency. The plugin can exist without any reference to it in the terraform configuration.

Question 42: **Correct**

Plugins are currently supported on the CLI and also on production

○

TRUE

○

FALSE

(Correct)

Explanation

Plugins are currently only supported on the CLI and not in any production

Bottom of Form

Top of Form

Question 43: **Correct**

Hard mandatory is the default enforcement level.

○

TRUE

(Correct)

○

FALSE

Explanation

The only way to override a hard mandatory policy is to explicitly remove the policy. Hard mandatory is the default enforcement level.

Bottom of Form

Top of Form

Question 44: **Correct**

Cost estimation is a paid feature.

○

TRUE

(Correct)

○

FALSE

Explanation

Cost estimation is a paid feature, available as part of the Team & Governance upgrade package.

Bottom of Form

Top of Form

Question 45: **Correct**

Which of the following is NOT a Database Provider?

○

GraphQL

(Correct)

○

PostgreSQL

○

InfluxDB

○

MySQL

Explanation

GraphQL is not a valid Database Provider. Here is a list of Database providers :
https://www.terraform.io/docs/providers/type/database-index.html

Bottom of Form

Top of Form

Question 46: **Correct**

An integrated system cannot delegate any level of access that it has been granted.

○

FALSE

(Correct)

○

TRUE

Explanation

An integrated system is able to delegate any level of access that it has been granted, so carefully consider the conditions and events that will cause it to delegate that access.

Bottom of Form

Top of Form

Question 47: **Correct**

AWS VPC can be configured by Terraform.

○

FALSE

○

TRUE

(Correct)

Explanation

AWS VPC is one of the most commonly used SDN implementations, and can be configured by Terraform.

Bottom of Form

Top of Form

Question 48: **Correct**

Which of the following are valid Terraform Cloud API Tokens (Select 2)?

☑

Organization Token

(Correct)

☑

User Token

(Correct)

☐

Authentication Token

☐

Administrator Token

Explanation

The API tokens are user, team, and organization.

Question 49: **Correct**

Which of these are valid Date and Time Functions in Terraform (select 2)

☐

datetime

☑

formatdate

(Correct)

☑

timestamp

(Correct)

☐

formattime

Explanation

formatdate and timestamp are some valid Date and Time Functions in Terraform.

https://www.terraform.io/docs/configuration/functions.html

Question 50: **Correct**

_____ command is used to print the Terraform version

⬡

`vers`

⬡

`v`

⬡

`terraform-version`

⬡

`version`

(Correct)

Explanation

`version` command is used to print the Terraform version

Question 51: **Correct**

Which of the following are Terraform Resource Lifecycle Calls? (Select 2)

☐

Commit

☑

Diff

(Correct)

☑

ValidateResource

(Correct)

☐

Destroy

Explanation

https://www.terraform.io/docs/internals/lifecycle.html

Question 52: **Correct**

Terraform configuration files must always be UTF-8 encoded.

◯

TRUE

(Correct)

◯

FALSE

Question 53: **Correct**

_____ command is used to build or change infrastructure

◯

`push`

◯

`save`

◯

`apply`

(Correct)

◯

`commit`

Explanation

`apply` command is used to build or change infrastructure

Question 54: **Correct**

Based on Variable Definition Precedence, which of the following is loaded first ?

◯

Environment variables

(Correct)

◯

Any *.auto.tfvars or *.auto.tfvars.json files

◯

terraform.tfvars.json file

○

terraform.tfvars file

Explanation

https://www.terraform.io/docs/configuration/variables.html

Bottom of Form

Top of Form

Question 55: **Correct**

Which of the following are Database Provider? (select 2)

☑

MySQL

(Correct)

☐

AWS

☑

InfluxDB

(Correct)

☐

GraphQL

Explanation

Here is a list of Database providers :

https://www.terraform.io/docs/providers/type/database-index.html

Bottom of Form

Top of Form

Question 56: **Correct**

Terraform Cloud provides four imports to define policy rules for the plan, configuration, state, and run associated with a policy check. Which are they? (Select 4)

☑

tfstate

(Correct)

☑

tfplan

(Correct)

☐

trwrite

☑

tfrun

(Correct)

☑

tfconfig

(Correct)

Explanation

https://www.terraform.io/docs/cloud/sentinel/import/index.html

Question 57: **Correct**

Which of the following are Terraform environment variables (select 2)

☐

`TFC_WORKSPACE_TAG`

☐

`TFC_CONFIGURATION`

☑

`TFC_WORKSPACE_NAME`

(Correct)

☐

`TFC_CONFIGURATION_VERSION`

☑

`TFC_RUN_ID`

(Correct)

Explanation

https://www.terraform.io/docs/cloud/run/run-environment.html

Question 58: **Correct**

Which of these are valid IP Network Functions in Terraform (select 2)

☐

netmask

☐

subnet

☑

cidrhost

(Correct)

☑

cidrnetmask

(Correct)

Explanation

cidrhost and cidrnetmask are some valid IP Network Functions in Terraform.

https://www.terraform.io/docs/configuration/functions.html

Question 59: **Correct**

Which of the following are valid Terraform providers?

◌

All of the Above

(Correct)

○

PagerDuty

○

None of the Above

○

ProfitBricks

○

ACME

Explanation

https://www.terraform.io/docs/providers/index.html

Bottom of Form

Top of Form

Question 60: Skipped

Which of the following command is an obsolete command for Terraform Enterprise legacy (v1)

○

`pull`

○

`commit`

○

`state`

◉

`push`

(Correct)

Explanation

`push` is an obsolete command for Terraform Enterprise legacy (v1)

Bottom of Form