Q1 What is the resulting value of the following Terraform function?  join("-", ["svr", "prd", "web"])?

1. srv-prd-web
2. {

“srv”,

“prd”,

“web”

}

C. srv, prd,web

Ans a.

Q2. When you add a new module to a configuration, Terraform must download the module before it can be used. What two commands can be used to download and update modules? (select two)

a. Terraform get

b. Terraform refresh

c. Terraform init

d. Terraform plan

ans: a and c

Q3. Terraform has detailed logs which can be enabled by setting the \_\_\_\_\_\_\_\_\_ environmental variable.?

1. TF\_INFO
2. TF\_DEBUG
3. TF\_LOG
4. TF\_TRACE

Ans: d.

Q4. What is the result of the following terraform function call?

> index(["a", "b", "c"], "c")

a. true

b. 2

c. 0

d. 1

ans: b

Q5 Environment variables can be used to set the value of input variables. The environment variables must be in the format "\_\_\_\_"\_<variablename>. Select the correct prefix string from the following list

1. TF\_VAR\_VALUE
2. TF\_ENV
3. TF\_VAR
4. TF\_ENV\_VAR

Ans: a

Q5. When Terraform Enterprise needs to be installed in a location where it does not have internet access to download the installer and upgrades, the installation is generally known as to be \_\_\_\_\_\_\_\_\_\_

1. Disconnected
2. Non-traditional
3. Air-gapped
4. A private install

Ans. d

Q6. True or False? By default, Terraform destroy will prompt for confirmation before proceeding.

1. True
2. False

Ans: a

Q7. True or False? Terraform Enterprise offers the ability to use Terraform to deploy infrastructure in your local on-prem

1. True
2. FalseBottom of Form

Ans: a

Q8. In the example below, the depends\_on argument creates what type of dependency?

resource "aws\_instance" "example" {

ami = "ami-2757f631"

instance\_type = "t2.micro"

depends\_on = [aws\_s3\_bucket.company\_data]

}

1. explicit dependency
2. implicit dependency
3. non-dependency resource
4. internal dependency

ans: a

Q9. The following is a snippet from a Terraform configuration file:

provider "aws" {

. region = "us-east-1"}

provider "aws" {

region = "us-west-1"}

which, when validated, results in the following error:

Error: Duplicate provider configuration

on main.tf line 5:

5: provider "aws" {

A default provider configuration for "aws" was already given at

main.tf:1,1-15. If multiple configurations are required, set the "\_\_\_\_\_\_"

argument for alternative configurations.

Fill in the blank in the error message with the correct string from the list below.

1. label
2. multi
3. alias
4. version

ans: c

Q10. In the following code snippet, the block type is identified by which string?

resource "aws\_instance" "db" {

ami = "ami-123456"

instance\_type = "t2.micro" }

1. "db"
2. "aws\_instance"
3. instance\_type
4. resource

ans: d

Q11. Which of the following options are not available in Terraform CLI and Terraform Cloud (free)? (select three)

1. Sentinel
2. Public Module Registry
3. Single Sign-On (SSO)
4. Audit Logging

Ans: a,c,d

Q12. Why might a user opt to include the following snippet in their configuration file?

terraform {required\_version = ">= 0.12"}

1. The user wants to ensure that the application being deployed is a minimum version of 0.12
2. this ensures that all Terraform providers are above a certain version to match the application being deployed
3. Terraform 0.12 introduced substantial changes to the syntax used to write Terraform configuration
4. versions before Terraform 0.12 were not approved by HashiCorp to be used in production

ans: c

Q13. Which of the following variable declarations is going to result in an error?

1. variable "example" {

description = "This is a test"

type = map

default = {"one" = 1, "two" = 2, "Three" = "3"}

}

1. variable "example" {

type = object({})

}

1. variable "example" {}
2. variable "example" {

description = "This is a variable description"

type = list(string)

default = {}

}

Ans: a