Top of Form

Question 1: **Correct**

**By default when a node first runs Puppet agent and communicates with the puppet master, a ssl certificate is created for signing. When the ssl certificate is signed what is the name of the certificate on the Puppet master consist of?**

* A. Ipaddress
* B. Fully qualified domain name

**(Correct)**

* C. Server Hostname
* D. Mac address

**Explanation**

Option B is correct : The fully qualified domain name of the server is matched and registered as the agent name and certificate nameOption A, C and D are incorrect : Ipadress and mac address are never store, its the fqdn alwaysFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/man/cert.htmlThe correct answer is: Fully qualified domain name

Bottom of Form

Top of Form

Question 2: Skipped

**Given the following Puppet code, what should be the output?exec { "echo tests >> /tmp/test.txt":  path => "/bin:/usr/bin",  creates => "/tmp/test.txt",}**

* A. The file /tmp/test.txt  is created if the file does not exist and then 'tests' written to the file

**(Correct)**

* B. Writes 'tests' to the /tmp/test.txt file if the /tmp/test.txt file already exists
* C. Syntax Errors
* D. Does nothing

**Explanation**

Option A is correct: The exec has an only if, unless, or creates an attribute, which prevents Puppet from running the command unless some condition is met.Option B is incorrect: It will create the file if it does not existOption C is incorrect: The syntax is correctOption D is incorrect: It will create the file if it does not exist and writes ‘tests’ to itFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/types\_strings/exec.htmlThe correct answer is: The file /tmp/test.txt  is created if the file does not exist and then 'tests' written to the file

Bottom of Form

Top of Form

Question 3: **Correct**

**You have created a module and want to release it on the Puppet Forge. Which puppet module command will prepare your module for release on the Puppet Forge by building a archive file which would be ready to upload? Choose the correct answer:**

* A. puppet module create
* B. puppet module build

**(Correct)**

* C. puppet module compile
* D. puppet module generate

**Explanation**

Option B is correct : To upload your module to the Forge, you first must build the module package. From the command line, run puppet module build <MODULE DIRECTORY>. This command generates a .tar.gz package and saves it in the module’s pkg/ subdirectory.Option A is incorrect : create is an invalid subcommandOption C is incorrect : compile is an invalid subcommandOption D is incorrect : puppet module generate would generate a boilerplate for a new moduleFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/modules\_publishing.html#build-your-moduleThe correct answer is: puppet module build

Bottom of Form

Top of Form

Question 4: **Correct**

**Given the following exhibit code, what key should be added to the YAML data source in order for automatic parameter lookup to apply to this class?:class ntp ($ntp = "default") {}Choose the correct answer:**

* A. ::ntp: web.server.com
* B. ntp::ntp: web.server.com

**(Correct)**

* C. ::ntp:ntp: web.server.com
* D. ntp: web.server.com

**Explanation**

Option B is correct : When values for class parameters aren’t explicitly provided, Puppet automatically looks them up in Hiera, using the fully-qualified name of the parameter (like myclass::parameter\_one) as a lookup keyOption A, C and D is incorrect : There are three ways to set values for class parameters, and Puppet tries each of them in order when the class is declared or assigned by an ENC:?     If it was a resource-like declaration/assignment, Puppet uses any parameters that were explicitly set. These always win if they exist.?     Puppet automatically looks up the remaining parameters with Hiera, using <CLASS NAME>::<PARAMETER NAME> as the lookup key (for example, ntp::servers for the ntp class’s $servers parameter).?     For any parameters that still have no value, Puppet uses the default value from the class’s definition.?     If any parameters have no value AND no default, Puppet fails compilation with an error.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.2/hiera\_automatic.html#how-class-parameters-workThe correct answer is: ntp::ntp: web.server.com

Bottom of Form

Top of Form

Question 5: **Incorrect**

**In a given puppet code, where are functions executed?**

* A. On the Puppet master

**(Correct)**

* B. On the manifest
* C. On the node

**(Incorrect)**

* D. On the node object

**Explanation**

Option A is correct : The functions are executed when the catalog is compiled, and it is done on the masterOption B, C and D are incorrect :  When configuring a node, Puppet agent uses a document called a catalog, which it downloads from a Puppet master server. This catalog contains the functions and code which states the desired state of a nodeFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/subsystem\_catalog\_compilation.htmlThe correct answer is: On the Puppet master

Bottom of Form

Top of Form

Question 6: **Correct**

**Examine the below exhibit. What is the expected result of this code? package { 'httpd':ensure => 'present',} service { 'httpd':ensure => running,enable => true,require => package['httpd'],} Choose the correct answer.**

* A. Error because the require metaparameter relationship has incorrect resource
* B. Service https will be installed if absent and service will be started
* C. Error because there is a syntax error in require metaparameter

**(Correct)**

* D. Service httpd will be started if the package httpd has been installed

**Explanation**

Option C is correct : The ‘p’ in package should be uppercaseOption A, B and D are incorrect : The require metaparameter has correct resource relationshipFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_relationships.htmlThe correct answer is: Error because there is a syntax error in require metaparameter

Bottom of Form

Top of Form

Question 7: **Correct**

**node "server.example.com" {$domain = "192.168.2.1"class { 'apache' : }}class apache ($domain = "localhost") {notice("The value of the domain variable is ${domain}")}Choose the correct answer:**

* A. 192.168.2.1
* B. localhost

**(Correct)**

* C. undef
* D. Error

**Explanation**

Option B is correct : The value localhost exists ar local scope and it overrides the value which exists as node scopeOption A, C and D are incorrect : The value 192.168.2.1 exists at node scope, local scope takes preference over itFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_scope.html#overriding-received-valuesThe correct answer is: localhost

Bottom of Form

Top of Form

Question 8: **Correct**

**You have a apache module written for your webserver. You want to trigger the restart of a apache web service after a configuration file httpd.conf is changed during a Puppet agent run. Which resource metaparameter will you use to trigger the restart?**

* A. audit
* B. notify

**(Correct)**

* C. require
* D. before

**Explanation**

Option B is correct : If Puppet makes changes to this resource, it will cause all of the notified resources to refresh.Option A is incorrect : Marks a subset of this resource’s unmanaged attributes for auditingOption C is incorrect : The pointed resources will be applied before the current resourceOption D is incorrect : The referenced resource will be applied before the dependent resource.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/metaparameter.html#notifyThe correct answer is: notify

Bottom of Form

Top of Form

Question 9: **Correct**

**You have 50 servers all containing different operating systems. You are writing a puppet module to manage the antivirus software installation and management depending upon the operating system they have.Which three Puppet conditional statments would you use to manage the servers?[Choose three]**

* A. selector statement

**(Correct)**

* B. if statement

**(Correct)**

* C. case statement

**(Correct)**

* D. switch statement

**Explanation**

Option A, B and C  are correct : Puppet supports selector, if, case and unless conditional statementsOption D is incorrect : There is not switch statment in Puppet DSLFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_conditional.htmlThe correct answers are: selector statement, if statement, case statement

Bottom of Form

Top of Form

Question 10: **Incorrect**

**You downloaded and installed a module from Puppet Forge. You want to check the difference and updates in the modules since it was installed from command line. Which is the command to check the updates in the Puppet forge module?**

* A. puppet module updates
* B. puppet module changes

**(Correct)**

* C. puppet module diff
* D. puppet module show-changes

**(Incorrect)**

**Explanation**

Option B is correct : Puppet module changes command shows modified files of an installed moduleOption A, C and D are incorrect : These are invalid commands optionsFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/man/module.htmlThe correct answer is: puppet module changes

Bottom of Form

Top of Form

Question 11: **Correct**

**You are installing puppet enterprise on your system. The installation errored out due to a configuration error. How will you recover the installation?**

* A. Delete all the puppet related files manually and reinstall
* B. Re-Run the ./puppet-enterprise-installer
* C. Fix the configuration issue and run ./puppet-enterprise-uninstaller
* D. Fix the configuration issue and re-run the installer again

**(Correct)**

**Explanation**

Option D is correct: Once the configuration is fixed, we can re-run the installer to recover the installation.Option A is incorrect: Manually deleting files would cause inconsistencyOption B is incorrect: Re-running the installer file would make no difference and it will error out againOption D is incorrect: To recover the installation, you need to re-run the installation processFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/installing/installing\_pe.html#install-using-text-mode-mono-configurationThe correct answer is: Fix the configuration issue and re-run the installer again

Bottom of Form

Top of Form

Question 12: **Incorrect**

**How would you retrieve a node using the puppet master's configured ENC?**

* A. puppet node find node.example.com --terminus exec --run\_mode master --render-as yaml

**(Correct)**

* B. puppet node search node.example.com --terminus rest --render-as yaml

**(Incorrect)**

* C. puppet node find node.example.com --terminus plain --render-as yaml
* D. puppet node search node.example.com --terminus plain --render-as yaml

**Explanation**

Option A is correct : ‘--terminus exec --run\_mode master ‘ would retrieve a node using the puppet master's configured ENC:Option B and D are incorrect : puppet node search is an invalid subcommandOption C is incorrect : This command retrieves an "empty" (no classes, no ENC-imposed parameters, and an environment of "production") nodeFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/man/node.html#EXAMPLESThe correct answer is: puppet node find node.example.com --terminus exec --run\_mode master --render-as yaml

Bottom of Form

Top of Form

Question 13: **Incorrect**

**You are installing a module software on your puppet server. Which of the following are parameters that can be passed to the puppet module install command?[Choose 3]**

* A. --environment

**(Correct)**

* B. --noop

**(Incorrect)**

* C.  --debug

**(Correct)**

* D.  --force

**(Correct)**

**Explanation**

Option A is correct : Installs the module into the specified environmentOption C is correct : Displays additional information about what the puppet module command is doingOption D is correct : Forcibly installs a module or re-install an existing module. Does not install dependencies.Option B is incorrect : --noop is used  during an agent runFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/modules\_installing.html#reference-puppet-module-actionsThe correct answers are: --environment,  --debug,  --force

Bottom of Form

Top of Form

Question 14: **Incorrect**

**You have a node where you want to enable reporting to the master. What configuration should you add in the agent.conf file of the node?**

* A. submit\_reports = 1
* B. $report = true

**(Incorrect)**

* C. report = true

**(Correct)**

* D. reports = https

**Explanation**

Option C is correct : The report=true should be set in the agent’s section for enabling report of the nodeOption A, B and D are incorrect : These are invalid optionsFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/config\_set.html#exampleThe correct answer is: report = true

Bottom of Form

Top of Form

Question 15: **Correct**

**You have added a new node to the Puppet master server. What will it send to the Puppet master when it checks in?**

* A. facts

**(Correct)**

* B. manifests
* C. variables
* D. classes

**Explanation**

Option A is correct : Each Puppet agent sends facts to the Puppet master, and requests a catalogOption B, C and D are incorrect : manifests, vairables and classes are part of the catalog which is generated by the Puppet masterFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/architecture.html#the-agentmaster-architectureThe correct answer is: facts

Bottom of Form

Top of Form

Question 16: **Incorrect**

**Which variables are recommended to be interpolated in the puppet.conf file?[Choose 3]**

* A. $codedir

**(Correct)**

* B. $confdir

**(Correct)**

* C. $moduledir
* D. $vardir

**(Correct)**

**Explanation**

Option A, B and D are correct : The values of settings are available as variables within puppet.conf, and you can insert them into the values of other settings. To reference a setting as a variable, prefix its name with a dollar sign ($)Puppet recommends that you use only the following variables:$codedir$confdir$vardirOption C is incorrect : Invalid directoryFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/config\_file\_main.html#interpolating-variables-in-settingsThe correct answers are: $codedir, $confdir, $vardir

Bottom of Form

Top of Form

Question 17: **Incorrect**

**You are using Mcollective deployment architechture for the softwares used in your servers. You want to filter requests when retrieving the facts of each server. Where is the config file located where the cache of the facts are located?**

* A. /etc/puppetlabs/code/facter/facts.yaml
* B. /etc/puppetlabs/code/mcollective/facts.yaml
* C. /etc/puppetlabs/mcollective/facts.yaml

**(Correct)**

* D. /etc/puppetlabs/facter/mcollective/facts.yaml

**(Incorrect)**

**Explanation**

Option C is correct : Every MCollective server will need to populate the /etc/puppetlabs/mcollective/facts.yaml file with a cache of its facts. (You can get by without this file, but doing so will limit your ability to filter requests.)Option A, B and D are incorrect : These directory structures are incorrect.For additional information on this subject, please refer the below URL:https://puppet.com/docs/mcollective/current/deploy/standard.html#populate-the-fact-fileThe correct answer is: /etc/puppetlabs/mcollective/facts.yaml

Bottom of Form

Top of Form

Question 18: **Incorrect**

**What are the three parameters that are required to be enabled for installing Code manager?[Choose 3]**

* A. r10k\_remote

**(Correct)**

* B. r10k\_private\_key

**(Correct)**

* C. r10k\_enable

**(Incorrect)**

* D. code\_manager\_auto\_configure

**(Correct)**

**Explanation**

Option A is correct : This setting specifies the location of the control repository. It accepts a string that is a valid URL for your Git control repository.Option B is correct : This setting specifies the path to the file that contains the SSH private key used to access your Git repositories. The pe-puppet user must be able to access this locationOption D is correct : This setting configures Code Manager, the Git control repository to use for storing code, and the private key for accessing your Git repos. Acceptable values are true and falseOption C is incorrect : This is an invalid parameterFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/code\_mgr\_config.html#enable-code-manager-during-installationThe correct answers are: r10k\_remote, r10k\_private\_key, code\_manager\_auto\_configure

Bottom of Form

Top of Form

Question 19: **Incorrect**

**You have a Puppet node with the node name of "server.example.com". This node has been removed from the Puppet server and then rebuilt. Puppet agent has been run again after the rebuild. The following error is prompted during the first puppet agent run. "Error: Could not request certificate: The certificate retrieved from the master does not match the agent's private key." How would you solve it?**

* A. Run puppet cert revoke-clean server.example.com and then run puppet agent again
* B. Run puppet cert revoke server.example.com and then run puppet agent again

**(Incorrect)**

* C. Run puppet cert clean server.example.com and then run puppet agent again

**(Correct)**

* D. Run puppet cert sign server.example.com and then run puppet agent again

**Explanation**

Option C is correct : puppet cert clean would clean the existing certificates if any and would do a fresh checkin into the serverOption A is incorrect : revoke-clean is not a valid actionOption B is incorrect : puppet cert revoke can be performed on master server to remove it from the Certificate AuthorityOption D is incorrect : puppet cert sign is run on master server when a certificate is requested from a new node which is waiting to be signed.For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/ssl\_and\_certificates/regenerating\_certificates\_monolithic\_installs.html#regenerating\_certificates\_monolithic\_installsThe correct answer is: Run puppet cert clean server.example.com and then run puppet agent again

Bottom of Form

Top of Form

Question 20: **Incorrect**

**Which are two protocols of which the functionality of the Puppet Orchestrator is derived?**

* A. PXP

**(Correct)**

* B. PCP

**(Correct)**

* C. PZP
* D. PMP

**Explanation**

Option A is correct : Puppet Execution Protocol (PXP) is a message format used to request that a task be executed on a remote host and receive responses on the status of that task. This is used by the pe-orchestration services to run Puppet on agents.Option B is correct : Puppet Communications Protocol (PCP) is The underlying communication protocol that describes how PXP messages get routed to an agent and back to the orchestratorOption C and D are incorrect : PZP and PMP are invalid protocolsFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/orchestrator/running\_jobs\_with\_puppet\_orchestrator\_overview.html#enforcing\_change\_with\_puppet\_orchestrator\_overviewThe correct answers are: PXP, PCP

Bottom of Form

Top of Form

Question 21: **Correct**

**What command you would use to list all of the tasks and its documentation that you have installed ?**

* A. puppet task display
* B. puppet show task
* C. puppet task show

**(Correct)**

* D. puppet list task

**Explanation**

Option C is correct : The puppet task show command shows you tasks that you have installed, and documentation for those tasks.Option A, B and D are incorrect : These are invalid commandsFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/orchestrator/running\_tasks\_from\_the\_command\_line.html#inspect-tasksThe correct answer is: puppet task show

Bottom of Form

Top of Form

Question 22: **Incorrect**

**A priority lookup in Hiera gets a value from which matching level of the hierarchy?**

* A. Least specific
* B. Most specific

**(Correct)**

* C. Top-most
* D. In any order - random

**(Incorrect)**

**Explanation**

Option B is correct: A priority lookup gets a value from the most specific matching level of the hierarchy. Only one hierarchy level — the first one to match — is consulted.Options A, C, and D are incorrect: Priority lookups can retrieve values of any data type (strings, arrays, hashes), but the entire value will come from only one hierarchy level. This is Hiera’s default lookup method.For additional information on this subject, please refer the below URL:https://puppet.com/docs/hiera/3.3/lookup\_types.html#priority-defaultThe correct answer is: Most specific

Bottom of Form

Top of Form

Question 23: **Incorrect**

**What are some of the ways that Puppet manifests can be applied to nodes? [Choose 3]**

* A. Hiera

**(Correct)**

* B. fileserver.conf
* C. Puppet Enterprise Console

**(Correct)**

* D. Include in manifests/site.pp

**(Correct)**

* E. Pe.conf

**Explanation**

Option A is correct: Hiera is the best and preferred way for node classifier and data sourceOption C is correct: Puppet Enterprise console provides an easy GUI for assigning classes to nodesOption D is correct: manifests/site.pp can also be used to specify the configuration parameters to be used.Option B is incorrect: fileserver.conf specifies the configuration for additional fileserver mount points for puppet masterOption E is incorrect: pe.conf is used to specify installation configuration parameters. For additional information on this subject, please refer the below URL:https://docs.puppet.com/puppet/5.3/nodes\_external.htmlThe correct answers are: Hiera, Puppet Enterprise Console, Include in manifests/site.pp

Bottom of Form

Top of Form

Question 24: **Incorrect**

**Which 3 of these operators can be used in resource collectors to create complex expressions? [Choose 3]**

* A. ||
* B. eq

**(Incorrect)**

* C. and

**(Correct)**

* D. or

**(Correct)**

* E. !=

**(Correct)**

**Explanation**

Option C is correct : Both operands must be valid search expressions. For a given resource, this operator will match if both of the operands would match for that resource.This operator has higher priority than orOption D is correct : Both operands must be valid search expressions. For a given resource, this operator will match if either of the operands would match for that resource.This operator has lower priority than and.Option E is correct: This operator is non-symmetric:?     The left operand (attribute) must be the name of a resource attribute or the word title (which searches on the resource’s title).?     The right operand (search key) must be a string, boolean, number, resource reference, or undef. The behavior of arrays and hashes in the right operand is undefined in this version of Puppet.For a given resource, this operator will match if the value of the attribute is not identical to the search key.Option A is incorrect: ‘||’ is not a resource collector operator.Option B is incorrect: ‘==’ is the correct operator.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_collectors.html#search-expressionsThe correct answers are: and, or, !=

Bottom of Form

Top of Form

Question 25: **Incorrect**

**Puppet creates a report about its actions and the infrastructure each time it applies a catalog during a Puppet run. Below are the data which puppet report processors handle.Which statements are incorrect out of the below ?**

* A. Metadata about the node, its environment and Puppet version, and the catalog used in the run.

**(Incorrect)**

* B. The status of every resource.
* C. Actions that Puppet took during the run, also called events.
* D. Log messages are not reported

**(Correct)**

* E. Metrics about the run, such as its duration and how many resources were in a given state.

**Explanation**

Option D is correct : Log messages that were generated during the run.Options A, B, C and E are incorrect : All these data are collected and reported.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/reporting\_about.html#what-data-is-in-a-reportThe correct answer is: Log messages are not reported

Bottom of Form

Top of Form

Question 26: **Correct**

**Mount resources can respond to refresh events by using the below resource parameters?[Choose 3]**

* A. notify

**(Correct)**

* B. require
* C. subscribe

**(Correct)**

* D. arrow (~>)

**(Correct)**

* E. before

**Explanation**

Option A, C and D are correct : Refresh: mount resources can respond to refresh events (via notify, subscribe, or the ~> arrow). If a mount receives an event from another resource and its ensure attribute is set to mounted, Puppet will try to unmount then remount that filesystem.Option B is incorrect : If Puppet is managing any parents of a mount resource — that is, other mount points higher up in the filesystem — the child mount will autorequire them.Option E is incorrect : If Puppet is managing any child file paths of a mount point, the mount resource will autobefore them.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/types/mount.html#mount-descriptionThe correct answers are: notify, subscribe, arrow (~>)

Bottom of Form

Top of Form

Question 27: **Incorrect**

**Which of the below are the characteristics of a dynamic scope?**

* A. A scope’s parent cannot be identified by looking at the definition of a class — you must examine every place where the class or resource might have been declared.

**(Correct)**

* B. In some cases, you can only determine a scope’s contents by executing the code.

**(Correct)**

* C. Scope contents are predictable and do not depend on evaluation order.
* D. Scope contents can be determined simply by looking at the relevant class definition(s); the place where a class or defined type is declared has no effect. (The only exception is node definitions — if a class is declared outside a node, it does not receive the contents of node scope.)

**(Correct)**

* E. Since classes can be declared multiple times with the include function, the contents of a given scope are evaluation-order dependent.

**(Incorrect)**

**Explanation**

Option A, B and D are correct : In dynamic scope, parent scopes are assigned by both inheritance and declaration, with preference being given to inheritance. The full list of rules is:?     Each scope has only one parent, but can have an unlimited chain of grandparents, and receives the merged contents of all of them (with nearer ancestors overriding more distant ones).?     The parent of a derived class is its base class.?     The parent of any other class or defined resource is the first scope in which it was declared.?     When you declare a derived class whose base class hasn’t already been declared, the base class is immediately declared in the current scope, and its parent assigned accordingly. This effectively “inserts” the base class between the derived class and the current scope. (If the base class has already been declared elsewhere, its existing parent scope is not changed.)Option C and E are incorrect : These are characteristics of static scopeFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_scope.html#dynamic-scopeThe correct answers are: A scope’s parent cannot be identified by looking at the definition of a class — you must examine every place where the class or resource might have been declared., In some cases, you can only determine a scope’s contents by executing the code., Scope contents can be determined simply by looking at the relevant class definition(s); the place where a class or defined type is declared has no effect. (The only exception is node definitions — if a class is declared outside a node, it does not receive the contents of node scope.)

Bottom of Form

Top of Form

Question 28: **Incorrect**

**Which of the below variables are available in $facts hash?**

* A. $servername
* B. $environment

**(Incorrect)**

* C. $clientversion

**(Correct)**

* D. $settings
* E. $serverversion

**Explanation**

Option C is correct : This variable has the value of the current version of Puppet agent and are available as either top-scope variables or elements in the $facts hash.Option A is incorrect : The Puppet master’s fully-qualified domain name. (Note that this information is gathered from the Puppet master by Facter, rather than read from the config files; even if the master’s certname is set to something other than its fully-qualified domain name, this variable will still contain the server’s fqdn.)Option B is incorrect : The agent node’s environment. Note that nodes can accidentally or purposefully override this with a custom fact; the $server\_facts['environment'] variable always contains the correct environment, and can’t be overridden.Option D is incorrect :  The value of any of the master’s settings. This is implemented as a special namespace and these variables must be referred to by their qualified names. Note that, other than $environment and $clientnoop, the agent node’s settings are not available in manifests. If you wish to expose them to the master in this version of Puppet, you will have to create a custom fact.Option E is incorrect : The current version of Puppet on the Puppet master.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_facts\_and\_builtin\_vars.html#puppet-master-variablesThe correct answer is: $clientversion

Bottom of Form

Top of Form

Question 29: **Incorrect**

**Which of the below statuses are not valid in Puppet reporting in the Puppet::Transaction::Event?**

* A. success
* B. failure
* C. noop

**(Incorrect)**

* D. ready

**(Correct)**

* E. audit

**Explanation**

Option D is correct : ‘ready’ is not a valid statusOption A is incorrect : ‘success’ states that property was out of sync, and was successfully changed to be in sync.Option B is incorrect : ‘failure’ states that property was out of sync, and couldn’t be changed to be in sync due to an error.Option C is incorrect : ‘noop’ states that property was out of sync, and wasn’t changed due to noop mode.Option E is incorrect : ‘audit’ states that property was in sync, and was being auditedFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/format\_report.html#puppettransactioneventThe correct answer is: ready

Bottom of Form

Top of Form

Question 30: **Correct**

**Which of the below abstract data types does not match Undef?**

* A. Data
* B. Any
* C. Scalar

**(Correct)**

* D. Variant
* E. Optional

**Explanation**

Option C is correct : The Scalar data type  doesn’t match undef, default, resource references, arrays, or hashes.Option A is incorrect : The Data type matches undef in addition to several other data types.Option B is incorrect : The Any type matches any value, including undef.Option D is incorrect : The Variant type can accept the Undef type as a parameter, which will make the resulting data type match undef.Option E is incorrect : The Optional type wraps one other data type, and returns a type that matches undef in addition to that type.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_data\_undef.html#related-data-typesThe correct answer is: Scalar

Bottom of Form

Top of Form

Question 31: **Correct**

**Out of the categories below which do not appear in a report of Puppet::Util::Metric object?**

* A. time
* B. resources
* C. events
* D. audit

**(Correct)**

* E. changes

**Explanation**

Option D is correct : audit is not a category within Puppet::Util::Metric unitOption A is incorrect : In the time category, there is a metric for every resource type for which there is at least one resource in the catalog, plus two additional metrics, called config\_retrieval and total. Each value in the time category is a float.Option B is incorrect : In the resources category, the metrics are failed, out\_of\_sync, changed, and total. Each value in the resourcescategory is an integer.Option C is incorrect : In the events category, there are up to five metrics: success, failure, audit, noop, and total. total is always present; the others are only present when their values are non-zero. Each value in the events category is an integer.Option E is incorrect : In the changes category, there is only one metric, called total. Its value is an integer.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/format\_report.html#puppetutilmetricThe correct answer is: audit

Bottom of Form

Top of Form

Question 32: **Incorrect**

**Which of the below are not catalog statements?**

* A. include
* B. require
* C. contain
* D. notice

**(Correct)**

* E. realize

**(Incorrect)**

**Explanation**

Option D is correct : logs message at notice levelOption A is incorrect : includes given classes in catalogOption B is incorrect :includes given classes in the catalog and adds them as a dependency of the current class or defined resourceOption C is incorrect : includes given classes in the catalog and contains them in the current classOption E is incorrect : makes a virtual resource realFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_functions.html#catalog-statementsThe correct answer is: notice

Bottom of Form

Top of Form

Question 33: **Correct**

**Application components can share information with each other by exporting and consuming environment-wide service resources. Which of the following statements is incorrect about these service resources?**

* A. Provide an abstraction so that you no longer need to hard-code dependencies in modules.
* B. Service resources Transport data between nodes participating in an application.
* C. Service resources help components work together even if they are managed by Puppet on different servers
* D. Service resource instances can be same across an environment.

**(Correct)**

* E. Service resources are stored, like other resources, in PuppetDB

**Explanation**

Option D is correct: Service resource instances must be unique across an environment.Options A, B, C, and E are incorrect: They are true. Please refer the documentation belowFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/managing\_applications/producing\_and\_consuming\_service\_resources.html#exporting-and-consuming-service-resourcesThe correct answer is: Service resource instances can be same across an environment.

Bottom of Form

Top of Form

Question 34: **Incorrect**

**Which of the following characters are not allowed in parameter names? [Choose 2]**

* A. Lowercase letters
* B. Upper case letters
* C. Period

**(Correct)**

* D. Digits
* E. Hyphen

**(Correct)**

**Explanation**

Options C and E are correct: Periods(.) and hyphens(-) cannot be included in a parameterOptions A, B, and D are incorrect: Class and defined type parameters begin with a $ (dollar sign), and their first non-$ character must be a lowercase letter. They can include:?     Lowercase letters?     Uppercase letters?     Digits?     UnderscoresParameter names should match the following regular expression:\A\$[a-z][a-z0-9\_]\*\ZFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_reserved.html#parametersThe correct answers are: Period, Hyphen

Bottom of Form

Top of Form

Question 35: **Incorrect**

**In the puppet enterprise high availability architechture, some components and services are activated immediately when you enable a replica, others aren't active until you promote a replica. Which are the ones which get activated when the replica is promoted?[Choose 3]**

* A. Node classifier service

**(Incorrect)**

* B. Certificate authority

**(Correct)**

* C. PuppetDB
* D. Orchestration service

**(Correct)**

* E. Console service UI

**(Correct)**

**Explanation**

Option B, D and E are correct : Certificate authority, Orchestration service and Console service UI are activated when replica is promotedOption A and C are incorrect : Node classifier service and PuppetDB are activated when replica is enabledFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/high\_availability/high\_availability\_overview.html#high-availability-architectureThe correct answers are: Certificate authority, Orchestration service, Console service UI

Bottom of Form

Top of Form

Question 36: **Incorrect**

**In Puppet Enterprise which are the default users already present when Puppet server is installed?**

* A. deploy

**(Incorrect)**

* B. admin

**(Correct)**

* C. viewers

**(Incorrect)**

* D. api\_user

**(Correct)**

* E. operators

**Explanation**

Option B and D are correct : admin and api\_user are by default created and they have administrators roleOption A, C and E are incorrect : deploy user is not created by default, operators and viewers are rolesFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/rbac/rbac\_user\_roles\_intro.htmlThe correct answers are: admin, api\_user

Bottom of Form

Top of Form

Question 37: **Incorrect**

**Hiera uses three independent layers of configuration. Each layer has its own hierarchy, and they’re linked into one super-hierarchy before doing a lookup. Which are the three config layers of  Hiera?**

* A. production
* B. global

**(Correct)**

* C. environment

**(Correct)**

* D. module

**(Correct)**

* E. local

**(Incorrect)**

**Explanation**

Option B is correct : The configuration file for the global layer is located, by default, in $confdir/hiera.yaml. You can change the location by changing the hiera\_config setting in puppet.conf.Option C is correct : The configuration file for the global layer is located, by default, <ENVIRONMENT DIR>/hiera.yaml.Option D is correct : The configuration file for a module layer is located, by default, in a module’s <MODULE>/hiera.yaml.Option A is incorrect : production is an environment which is by defaultOption E is incorrect : local is not a valid environment or layerFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/hiera\_intro.html#hieras-three-config-layersThe correct answers are: global, environment, module

Bottom of Form

Top of Form

Question 38: **Incorrect**

**Which of the below configuration settings are related to Puppet server?[Choose 3]**

* A. noop

**(Incorrect)**

* B. puppet-admin

**(Correct)**

* C. jruby-puppet

**(Correct)**

* D. ssl\_client\_header

**(Incorrect)**

* E. JAVA\_ARGS

**(Correct)**

**Explanation**

Option B is correct : This Setting is used to control which authorized clients can use the admin interface.Option C is correct : This setting provides details on tuning JRuby for better performance.Option E is correct : This setting sets Instructions on tuning the Puppet Server memory allocation.Option A is incorrect : This parameter is used in agents to control the run behaviour. If enabled, the agent won’t do any work; instead, it will look for changes that should be made, then report to the master about what it would have doneOption D is incorrect : These are used when running Puppet master as a Rack applicationFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/config\_important\_settings.html#puppet-server-related-settingsThe correct answers are: puppet-admin, jruby-puppet, JAVA\_ARGS

Bottom of Form

Top of Form

Question 39: **Incorrect**

**Which of the statements are incorrect about defined types?**

* A. Instances of a defined type can be declared the same way a normal resource is declared
* B. If a defined type is present and loadable, you can declare resources of that defined type anywhere in your manifests.
* C. The declaration of a defined type instance cannot include any metaparameter

**(Correct)**

* D. Every parameter of a defined type can be used as a local variable inside the definition

**(Incorrect)**

* E. every resource in the definition will be different in every instance

**Explanation**

Option C is correct :The declaration of a defined type instance can include any metaparameterOption A,B, D and E are incorrect : These statements are trueFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_defined\_types.htmlThe correct answer is: The declaration of a defined type instance cannot include any metaparameter

Bottom of Form

Top of Form

Question 40: **Incorrect**

**In addition to Facter’s core facts and any custom facts, Puppet creates some special variables of its own. Which of the below are not in the main categories of special variables ?**

* A. The $trusted hash
* B. Agent facts

**(Incorrect)**

* C. Variables set by hiera

**(Correct)**

* D. Puppet master variables
* E. Compiler variables

**Explanation**

Option C is correct : Variables set by hiera is not a special variableOption A is incorrect :The $trusted hash, which has trusted data from the node’s certificateOption B is incorrect : Agent facts, which are set by puppet agent or puppet applyOption D is incorrect : Puppet master variables, which are set by the Puppet master (and sometimes by puppet applyOption E is incorrect : Compiler variables, which are special local variables set for each scope.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_facts\_and\_builtin\_vars.html#special-variables-added-by-puppetThe correct answer is: Variables set by hiera

Bottom of Form

Top of Form

Question 41: **Incorrect**

**Which of the below statements in incorrect about a provider?**

* A. The first argument must be the name of the provider, as a :symbol
* B. The optional :parent argument should be the name of a parent class
* C. The optional :source argument should be a symbol

**(Incorrect)**

* D. A provider cannot inherit from a base provider

**(Correct)**

* E. The block takes no arguments, and implements the behavior of the provider

**Explanation**

Option D is correct :A provider can inherit from a base provider, which is never used alone and only exists for other providers to inherit from. Use the full name of the class.For example, all package providers have a common parent class:Puppet::Type.type(:package).provide(:dpkg, :parent => Puppet::Provider::Package) do  desc "..."  ...endOption A B, C and E are incorrect : These statements are correctFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/provider\_development.html#declarationThe correct answer is: A provider cannot inherit from a base provider

Bottom of Form

Top of Form

Question 42: **Incorrect**

**Out of the following what are three types of data that PuppetDB does not store?[Choose 2]**

* A. facts
* B. catalogs
* C. reports

**(Incorrect)**

* D. classification

**(Correct)**

* E. functions

**(Correct)**

**Explanation**

Option D and E are correct : Classification and functions are not contained in PuppetDBOption A is incorrect : Puppetdb contains the most recent facts from every nodeOption B is incorrect : Puppetdb contains the most recent catalog for every nodeOption C is incorrect : Puppetdb contains Optionally, 14 days (configurable) of event reports for every nodeFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppetdb/5.1/index.html#what-dataThe correct answers are: classification, functions

Bottom of Form

Top of Form

Question 43: **Incorrect**

**Several variables which are not available in the $facts hash are set by the Puppet master. Which one of the below is incorrect?**

* A. $servername
* B. $serverip
* C. $environment

**(Incorrect)**

* D. $module\_name

**(Correct)**

* E. $serverversion

**Explanation**

Option D is correct : This is a compiler variableOption A is incorrect : Sets the Puppet master’s fully-qualified domain name.Option B is incorrect : Sets the Puppet master’s IP addressOption C is incorrect : Sets the agent node’s environment.Option E is incorrect : Sets the current version of Puppet on the Puppet master.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_facts\_and\_builtin\_vars.html#puppet-master-variablesThe correct answer is: $module\_name

Bottom of Form

Top of Form

Question 44: **Incorrect**

**Which of the following are acceptable class names? [Choose 2]**

* A. settings

**(Incorrect)**

* B. var\_temp

**(Correct)**

* C. site

**(Incorrect)**

* D. hello

**(Correct)**

* E. main

**Explanation**

Options B and D are correct: var\_temp and hello are not a reserved name or variable, can be used.Options A, C, and E are incorrect: main and settings are built-in namespaces and site is a language keywordFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_reserved.html#reserved-class-namesThe correct answers are: var\_temp, hello

Bottom of Form

Top of Form

Question 45: **Incorrect**

**Which of the below are not metaparameters?[Choose 2]**

* A. alias

**(Incorrect)**

* B. schedule

**(Incorrect)**

* C. file

**(Correct)**

* D. stage
* E. package

**(Correct)**

**Explanation**

Option C and E are correct : file and package are resource typesOption A, B and D are incorrect : alias, schdule and stage are metaparametersFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/metaparameter.htmlThe correct answers are: file, package

Bottom of Form

Top of Form

Question 1: **Incorrect**

**Which of the below statements is incorrect about application orchestration?**

* A. A service that orchestrates configuration enforcement in a directed manner from the environment level to the node level.

**(Incorrect)**

* B. It is a command-line tool for executing orchestration jobs, inspecting those jobs, and understanding application instances declared in an environment.
* C. Configuration updates are randomly applied when agents choose to check in.

**(Correct)**

* D. The additions to the Puppet language enable you to model how the physical components of a node configurations relate to each other.

#### Explanation

Configuration updates are are no longer randomly applied when agents choose to check in. Instead, you can directly apply node configurations in a specified order.All other options are valid for application orchestration.For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/managing\_applications/application\_orchestration\_overview.html#application\_orchestration\_overviewThe correct answer is: Configuration updates are randomly applied when agents choose to check in.

Bottom of Form

Top of Form

Question 2: **Correct**

**You want to deploy a custom configuration ~/.puppetlabs/myconfigfile/puppet-code.conf on your puppet environments. Which of the below methods can help you achieve that?**

* A. puppet-code --config-file ~/.puppetlabs/myconfigfile/puppet-code.conf deploy --all

**(Correct)**

* B. puppet-code deploy --all --wait
* C. puppet-code --config-file ~/.puppetlabs/myconfigfile/puppet-code.conf deploy production --wait
* D. puppetcode --config-file ~/.puppetlabs/myconfigfile/puppet-code.conf deploy --all

#### Explanation

Option A is correct : This command will pick the configuration from the config file ~/.puppetlabs/myconfigfile/puppet-code.conf and deploy to all the environmentsOption B is incorrect : This will deploy the default configuration to all the environmentsOption C is incorrect : This will deploy only to the production environmentOption D is incorrect : This has a syntax error ‘puppet-code’For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/puppet\_code.html#deploying-environments-with-puppet-codeThe correct answer is: puppet-code --config-file ~/.puppetlabs/myconfigfile/puppet-code.conf deploy --all

Bottom of Form

Top of Form

Question 3: **Incorrect**

**Which of the below ports is used by mcollective to accept inbound traffic/requests from Puppet agents?**

* A. 8140
* B. 443
* C. 61613

**(Correct)**

* D. 8142

**(Incorrect)**

#### Explanation

Option C is correct : MCollective uses this port to accept inbound traffic/requests from Puppet agents. Any host used to invoke commands must be able to reach MCollective on this port. Classifier group: “PE ActiveMQ Broker”Option A is incorrect : The Puppet master uses this port to accept inbound traffic/requests from Puppet agents.Option B is incorrect : This port provides host access to the PE console.The PE Console accepts HTTPS traffic from end-users on this port.Option D is incorrect : Orchestration services and the Run Puppet button use this port to accept inbound traffic/responses from Puppet agents (via the PXP agent/PCP broker).For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/installing/system\_configuration.html#firewall-configuration-for-monolithic-installations-with-compile-mastersThe correct answer is: 61613

Bottom of Form

Top of Form

Question 4: **Incorrect**

**Which of the below are valid statements of the producing and consuming service?**

* A. produces

**(Correct)**

* B. consumes

**(Correct)**

* C. report

**(Incorrect)**

* D. export

**(Correct)**

#### Explanation

Option A is correct : The produces statement allows you to define a mapping from a component providing a service to a service resource. Further, it allows you to define how a service resource is created when an application is configured, and it defines the complete content of the service resource.Option B is correct : When instantiating a resource that is declared to consume a capability, the consume statement can be used to fill attributes of the resource being instantiated.Option D is correct : When declaring an application component, the export statement is used to produce an instance of the service resource as produced by the node managing that application component.Option C is incorrect : report is not a statment in producing and consuming serviceFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/managing\_applications/producing\_and\_consuming\_service\_resources.htmlThe correct answers are: produces, consumes, export

Bottom of Form

Top of Form

Question 5: **Incorrect**

**Which config file sets mount points for Puppet Server’s web applications?**

* A. global.conf
* B. web-routes.conf

**(Correct)**

* C. puppetserver.conf
* D. pe.conf

**(Incorrect)**

#### Explanation

Option B is correct : The web-routes.conf file configures the Puppet Server web-router-service, which sets mount points for Puppet Server’s web applications. You should not modify these mount points, as Puppet 4 agents rely on Puppet Server mounting them to specific URLs.Option A is incorrect : The global.conf file contains global configuration settings for Puppet ServerOption C is incorrect : The puppetserver.conf file contains settings for Puppet Server software.Option D is incorrect : pe.conf is used for specifying parameter values while installing puppet enterprise.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppetserver/5.1/config\_file\_web-routes.htmlThe correct answer is: web-routes.conf

Bottom of Form

Top of Form

Question 6: **Correct**

**What does the ssldir directory contains?**

* A. puppet certificates

**(Correct)**

* B. private keys

**(Correct)**

* C. csr\_attributes.yaml
* D. certificate signing requests (CSRs)

**(Correct)**

#### Explanation

Option A, B and D are correct : The ssldir directory on Agent nodes and Puppet masters contain a private key (private\_keys/<certname>.pem), a public key (public\_keys/<certname.pem>), a signed certificate (certs/<certname>.pem), a copy of the CA certificate (certs/ca.pem), and a copy of the certificate revocation list (CRL) (crl.pem). They usually also retain a copy of their CSR after submitting it (certificate\_requests/<certname>.pem). If these files don’t exist, they are either generated locally or requested from the CA Puppet master.Option C is incorrect : The csr\_attributes.yaml file is located at $confdir/csr\_attributes.yaml by default. Its location is configurable with the csr\_attributes settingFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/dirs\_ssldir.html#what-the-ssldir-directory-containsThe correct answers are: puppet certificates, private keys, certificate signing requests (CSRs)

Bottom of Form

Top of Form

Question 7: **Incorrect**

**You have a config file names test.pp which you want to run and implement your changes. Which is the command you will use to run this single file?**

* A. puppet agent -t

**(Incorrect)**

* B. puppet apply test.pp

**(Correct)**

* C. puppet deploy test.pp
* D. puppet agent test.pp

#### Explanation

Option B is correct : ‘puppet apply test.pp’ is used for applying a single puppet config to our puppet server or agentOption A is incorrect : ‘puppet agent -t’ will deploy all the current configuration catalogs on the  agentOption C is incorrect : ‘puppet deploy test.pp’ is an invalid commandOption D is incorrect : ‘puppet agent test.pp’ is an incomplete commandFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/dirs\_manifest.html#with-puppet-applyThe correct answer is: puppet apply test.pp

Bottom of Form

Top of Form

Question 8: **Incorrect**

**You have duplicate modules in your puppet code. What will be the puppet run result?**

* A. Puppet run would throw an error

**(Incorrect)**

* B. Puppet would result values from both the modules
* C. Puppet uses the version from the directory that comes earliest in the modulepath.

**(Correct)**

* D. Puppet would show nothing

#### Explanation

Option C is correct : If the modulepath contains multiple modules with the same name, Puppet uses the version from the directory that comes earliest in the modulepath. This allows directories earlier in the modulepath to override later directories.For most content, this earliest-module-wins behavior is on an all-or-nothing, per-module basis — all of the manifests, files, and templates in the winning version will be available for use, and \*none of that content from any subsequent versions will be available. This behavior covers:-       Puppet code (from manifests)-       Files (from files)-       Templates (from templates)-       External facts (from facts.d)-       Ruby plugins synced to agent nodes (from lib) Option A, B and D are incorrect : Refer comments above For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/dirs\_modulepath.html#duplicate-or-conflicting-modules-and-contentThe correct answer is: Puppet uses the version from the directory that comes earliest in the modulepath.

Bottom of Form

Top of Form

Question 9: **Correct**

**Is the reference for the code directoy valid in the below snippet?[master]environmentpath = $codedir/override\_environments:$codedir/environments**

* A. True

**(Correct)**

* B. False

#### Explanation

Option A is correct : Since the value of the codedir is discovered before other settings, you can safely reference it (with the $codedir variable) in the value of any other setting in puppet.conf:For additional information on this subject, please refer the below URL:https://docs.puppet.com/puppet/5.0/dirs\_codedir.html#interpolation-of-codedirThe correct answer is: True

Bottom of Form

Top of Form

Question 10: **Incorrect**

**Analyze the below exhibit. Which of the below statements are true?file { '/etc/aliases':source => 'puppet://server/module/aliases', }# Rebuild the database, but only when the file changesexec { newaliases:path            => ['/usr/bin', '/usr/sbin'],subscribe   => File['/etc/aliases'],refreshonly => true,}**

* A. It will throw a compilation error
* B. If the file ‘/etc/aliases’ changes, it will rebuild the newaliases

**(Correct)**

* C. We should use ‘require’ instead of ‘refreshonly’
* D. Path is an invalid attribute

**(Incorrect)**

#### Explanation

Option B is correct : The subscribe attribute will trigger an action when the file ‘/etc/aliases’ changes, it will rebuild the newaliasesOption A is incorrect : The syntax is correct, there would be no errorOption C is incorrect : only subscribe and notify can trigger actions, not require, so it only makes sense to use refreshonly with subscribe or notify.Option D is incorrect : The path attribute is correct. The search path used for command execution. Commands must be fully qualified if no path is specified. Paths can be specified as an array or as a ‘:’ separated list.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/types/exec.html#exec-attribute-refreshonlyThe correct answer is: If the file ‘/etc/aliases’ changes, it will rebuild the newaliases

Bottom of Form

Top of Form

Question 11: **Incorrect**

**Which two class definitions (assuming default ordering of the catalog is 'manifest') would cause an error in catalog compilation? [Choose 2]**

* A. class profile::webserver { contain nginxclass { nginx:listen\_address => '10.1.1.1',}}

**(Correct)**

* B. class profile::webserver {class { 'nginx':listen\_address => '10.1.1.1',}include nginx}
* C. class profile::webserver {class { 'nginx':listen\_address => '10.1.1.1',}contain nginx }

**(Incorrect)**

* D. class profile::webserver {include nginxclass { 'nginx':  listen\_address => '10.1.1.1',  }  }

**(Correct)**

#### Explanation

Option A is correct: The ‘contain’ function is used before the class declarationOption D is correct: The include function is used before the class is declaredOption B is incorrect: The include function is used correctlyOption C is incorrect: The contain function is used correctlyFor additional information on this subject, please refer the below URLs:https://puppet.com/docs/puppet/5.3/lang\_containment.htmlhttps://puppet.com/docs/puppet/5.0/configuration.html#orderinghttps://puppet.com/docs/puppet/5.0/lang\_relationships.htmlThe correct answers are: class profile::webserver { contain nginxclass { nginx:listen\_address => '10.1.1.1',}}, class profile::webserver {include nginxclass { 'nginx':  listen\_address => '10.1.1.1',  }  }

Bottom of Form

Top of Form

Question 12: **Incorrect**

**In the include-like behaviour, which functions let you safely declare a class multiple times that will only be added to the catalog once?[Choose 3]**

* A. include

**(Correct)**

* B. require

**(Correct)**

* C. contain

**(Correct)**

* D. hiera

**(Incorrect)**

#### Explanation

Option A, B and C are correct : The include, require, contain, and hiera\_include functions let you safely declare a class multiple times; no matter how many times you declare it, a class will only be added to the catalog once. This can allow classes or defined types to manage their own dependencies, and lets you create overlapping “role” classes where a given node can have more than one role.Option D is incorrect : ‘hiera\_include’ function can be used to declare classesFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_classes.html#include-like-behaviorThe correct answers are: include, require, contain

Bottom of Form

Top of Form

Question 13: **Incorrect**

**In the below example, what would be the equivalent of the require statement in the 2nd class?class apache {    service {'apache':        require => Package['httpd'],    }}class apache::ssl inherits apache {    # host certificate is required for SSL to function    Service['apache'] {        require => [ Package['httpd'], File['apache.pem'], File['httpd.conf'] ],    }}**

* A. require +>  File['apache.pem'] => File['httpd.conf'],
* B. require +> [ File['apache.pem'], File['httpd.conf'] ],

**(Correct)**

* C. require -> [ File['apache.pem'], File['httpd.conf'] ],

**(Incorrect)**

* D. require = [ File['apache.pem'], File['httpd.conf'] ],

#### Explanation

Option B is correct: When overriding attributes in a derived class, you can add to the existing values instead of replacing them by using the +> (“plusignment”) keyword instead of the standard => hash rocket:Option A is incorrect: Its incorrect syntax as it contains ‘=>’Option C is incorrect: Its incorrect syntax as it contains ‘->’Option D is incorrect: It is incorrect as it contains ‘=’For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_classes.html#appending-to-resource-attributesThe correct answer is: require +> [ File['apache.pem'], File['httpd.conf'] ],

Bottom of Form

Top of Form

Question 14: **Correct**

**which of the following is not a valid hiera configuration layer?**

* A. global
* B. local

**(Correct)**

* C. environment
* D. module

#### Explanation

Option B is correct : local is not a valid layer of configuration for hieraOption A is incorrect : The location for global layer is $confdir/hiera.yamlOption C is incorrect : The location for environment layer is [<ENVIRONMENT>][environment]/hiera.yamlOption D is incorrect : The location for module layer is  <MODULE>/hiera.yamlFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/hiera\_config\_yaml\_5.html#location-of-hierayaml-filesThe correct answer is: local

Bottom of Form

Top of Form

Question 15: **Incorrect**

**Which of the exec attributes make it idempotent?[Choose 3]**

* A. require

**(Incorrect)**

* B. onlyif

**(Correct)**

* C. unless

**(Correct)**

* D. creates

**(Correct)**

#### Explanation

Option B is correct : A test command that checks the state of the target system and restricts when the exec can run. If present, Puppet runs this test command first, and only runs the main command if the test has an exit code of 0 (success). For example:exec { 'logrotate': path     => '/usr/bin:/usr/sbin:/bin', provider => shell, onlyif   => 'test `du /var/log/messages | cut -f1` -gt 100000',}This would run logrotate only if that test returns true.Option C is correct : A test command that checks the state of the target system and restricts when the exec can run. If present, Puppet runs this test command first, then runs the main command unless the test has an exit code of 0 (success). For example:exec { '/bin/echo root >> /usr/lib/cron/cron.allow':  path   => '/usr/bin:/usr/sbin:/bin',  unless => 'grep root /usr/lib/cron/cron.allow 2>/dev/null',}This would add root to the cron.allow file (on Solaris) unless grep determines it’s already there.Option D is correct : A file to look for before running the command. The command will only run if the file doesn’t exist.This parameter doesn’t cause Puppet to create a file; it is only useful if the command itself creates a file.exec { 'tar -xf /Volumes/nfs02/important.tar':  cwd     => '/var/tmp',  creates => '/var/tmp/myfile',  path    => ['/usr/bin', '/usr/sbin',],}Option A is incorrect : Only subscribe and notify can trigger actions, not requireFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/types/exec.html#execThe correct answers are: onlyif, unless, creates

Bottom of Form

Top of Form

Question 16: **Incorrect**

**Select two of the below chaining arrow syntax examples that are not following the best practices of puppet language style guide?**

* A. Package['httpd'] -> Service['httpd']

**(Incorrect)**

* B. Service['httpd'] <- Package['httpd']

**(Correct)**

* C. Package['httpd']-> Service['httpd']
* D. Package['httpd'] ->Service['httpd']

**(Correct)**

#### Explanation

Option A is incorrect: The resources points left to right which is a good practiceOption C is incorrect: If the chaining resources are line separated, it should be on the line of right-hand operandOption B is correct: Chaining arrows must be used left to right. They do have reversed forms but most of Puppet’s syntax is written left-to-right. Avoid these reversed forms as they can be confusing.Option D is correct: Must be on the right-hand operand's lineFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/style\_guide.html#chaining-arrow-syntaxThe correct answers are: Service['httpd'] <- Package['httpd'], Package['httpd'] ->Service['httpd']

Bottom of Form

Top of Form

Question 17: **Correct**

**If you have a string value that contains template content, you can evaluate it with the which of the below functions?[Choose 2]**

* A. epp
* B. Inline\_template

**(Correct)**

* C. Inline\_epp

**(Correct)**

* D. template

#### Explanation

Option B is correct : inline\_epp can be used when you have template content in a sting See the example below$ntp\_conf\_template = @(END)...template content goes here...END# inline\_epp(<TEMPLATE STRING>, [<PARAMETER HASH>])file { '/etc/ntp.conf':  ensure  => file,  content => inline\_epp($ntp\_conf\_template, {'service\_name' => 'xntpd', 'iburst\_enable' => true}),}Option C is correct : inline\_template can be used when you have template content in a sting See the example below# inline\_template(<TEMPLATE STRING>, [<ADDITIONAL STRINGS>, ...])file { '/etc/ntp.conf':  ensure  => file,  content => inline\_template($ntp\_conf\_template),}Option A is incorrect : EPP templates can declare parameters, and you can provide values for them by passing a parameter hash to the epp function.Option D is incorrect : template is a function used when we provide erb template files as an attribute to a resourceFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_template.html#with-a-template-string-inlinetemplate-and-inlineeppThe correct answers are: Inline\_template, Inline\_epp

Bottom of Form

Top of Form

Question 18: **Correct**

**Which of the below operators takes precedence in Puppet?**

* A. in
* B. !

**(Correct)**

* C. \*
* D. =

#### Explanation

Option B is correct : The unary not operator takes the highest precedenceOption A is incorrect : ‘in’ has the fourth precendence after  ‘!’, ‘-’ and ‘\*’Option C is incorrect : The unary: array splat has third precedence after ‘!’ and ‘-’Option D is incorrect : The assignment operator(=) has the least precendenceFor additional information on this subject, please refer the below URL: https://puppet.com/docs/puppet/5.3/lang\_expressions.html#order-of-operationsThe correct answer is: !

Bottom of Form

Top of Form

Question 19: **Incorrect**

**Consider the below exhibit. What would be the value of variable $variable when we run -Puppet apply site.pp? # /etc/puppetlabs/code/modules/scope\_example/manifests/init.ppclass scope\_example {  $variable = "Hi, I'm local!"  notify {"Message from here: $variable":}}# /etc/puppetlabs/code/environments/production/manifests/site.pp$variable = "Hi, I'm top!"node 'puppet.example.com' {  $variable = "Hi, I'm node!"  include scope\_example}**

* A. notice: Message from here: Hi, I'm top!
* B. notice: Message from here: Hi, I'm node!

**(Incorrect)**

* C. notice: Message from here: Hi, I'm local!

**(Correct)**

* D. notice: Message from here:

#### Explanation

Option C is correct : Variables and defaults declared at node scope can override those received from top scope. That is: if multiple variables with the same name are available, Puppet will use the “most local” one.Option A is incorrect : Variables and defaults declared at node scope can override those received from top scopeOption B is incorrect : Variable declared at local scope can override those received from node and top scope, as well as any parent scopesOption D is incorrect : Incorrect as it would use the most local valueFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_scope.html#overriding-received-valuesThe correct answer is: notice: Message from here: Hi, I'm local!

Bottom of Form

Top of Form

Question 20: **Correct**

**From the below exhibit which one is following the best practice?**

* A. file { '/var/log/syslog':  ensure => file,  mode   => '0644',}

**(Correct)**

* B. file { '/var/log/syslog':  ensure => file,  mode   => 644,}
* C. file { '/var/log/syslog':  ensure => file,  mode   => ‘644’,}
* D. file { '/var/log/syslog':  ensure => file,  mode   => 0644,}

#### Explanation

Option A is correct : POSIX numeric notation must be represented as 4 digits.?     POSIX symbolic notation must be a string.?     You should not use file mode with Windows; instead use the acl module.?     You should use numeric notation whenever possible.?     The file mode attribute should always be a quoted string, never an integer.Option B is incorrect : This exhibit has the mode in 3 digits and without quotesOption C is incorrect : This exhibit has the mode in 3 digitsOption D is incorrect : This exhibit has the mode without quotes as it should be always represented as a stringFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/style\_guide.html#file-modesThe correct answer is: file { '/var/log/syslog':  ensure => file,  mode   => '0644',}

Bottom of Form

Top of Form

Question 21: **Incorrect**

**For the below exhibit, which are the statements correct?exec { 'logrotate':  path     => '/usr/bin:/usr/sbin:/bin',  provider => shell,  onlyif   => 'test `du /var/log/messages | cut -f1` -gt 100000',}**

* A. This would fail with a compilation error
* B. This would run logrotate only if that test returns true

**(Correct)**

* C. It will do nothing
* D. Puppet runs this test command first, and only runs the main command if the test has an exit code of 1

**(Incorrect)**

#### Explanation

Option B is correct : The onlyif attribute will ensure to have a true value and would execute the logrotateOption A is incorrect : The syntax is correctOption C is incorrect : It will logrotate if the command value it trueOption D is incorrect : Puppet runs this test command first, and only runs the main command if the test has an exit code of 0For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/types/exec.html#exec-attribute-onlyifThe correct answer is: This would run logrotate only if that test returns true

Bottom of Form

Top of Form

Question 22: **Correct**

**Consider an array example -$foo = [ 'one', 'two', 'three', 'four', 'five' ] What would be the outcome of notice( $foo[2,-1] )?**

* A. evaluates to ['three']
* B. evaluates to ['three', 'four']
* C. evaluates to ['three', 'four', 'five']

**(Correct)**

* D. evaluates to ['four']

#### Explanation

Option C is correct : The result of an array section is always another array.The first number of the index is the start position.The second number of the index is the stop position.?     Positive numbers will count from the start of the array, starting at 0.?     Negative numbers will count back from the end of the array, starting at -1.Option A is incorrect : ‘three’ is at postion [2,1]Option B is incorrect : 'three', 'four’ is at position [2,2]Option D is incorrect : ‘four’ is at position [-2,1]For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_data\_array.html#array-sectioningThe correct answer is: evaluates to ['three', 'four', 'five']

Bottom of Form

Top of Form

Question 23: **Incorrect**

**Which command would you use to install a module puppetlabs-apache from another module repository?**

* A. puppet module install puppetlabs-apache
* B. puppet module install --module\_repository http://dev-forge.example.com puppetlabs-apache

**(Correct)**

* C. puppet module install ~/puppetlabs-apache-0.10.0.tar.gz
* D. puppet module install puppetlabs:apache

**(Incorrect)**

#### Explanation

Option B is correct : The puppet module command can install modules from other repositories that mimic the Forge’s interface. You can change the module repository for one installation, or you can change your default repository.The normal default module repository is the Forge, so the default module\_repository value is https://forgeapi.puppetlabs.com.?     To change the default module repository, edit the module\_repository setting in puppet.conf to the base URL of the repository you want to use.?     To change the repository for a single module installation only, specify the base URL of the repository when you install the module. Use the --module\_repository option to set this.Option A is incorrect : To install a module from the Puppet Forge, use the puppet module install command with the full name of the module you want.The full name of a Forge module is formatted as username-modulenameOption C is incorrect : To install a module from a release tarball, specify the path to the tarball instead of the module name.Option D is incorrect : puppetlabs:apache in an incorrect commandFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/modules\_installing.html#installing-from-another-module-repositoryThe correct answer is: puppet module install --module\_repository http://dev-forge.example.com puppetlabs-apache

Bottom of Form

Top of Form

Question 24: **Incorrect**

**You have written a test function to test a functionality of the application. In which directory of the module structure will the test function reside?**

* A. templates
* B. functions
* C. examples

**(Correct)**

* D. manifests

**(Incorrect)**

#### Explanation

Option C is correct: The 'examples' directory contains examples showing how to declare the module’s classes and defined types.Option A is incorrect: The ‘templates’ directory contains templates, which the module’s manifests can useOption B is incorrect: The ‘functions’ directory contains custom functions written in the Puppet language.Option D is incorrect: The 'manifests' Contains all of the manifests in the module.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/modules\_fundamentals.html#exampleThe correct answer is: examples

Bottom of Form

Top of Form

Question 25: **Correct**

**For the given example using selector statement, waht would puppet return if none of the values match?$rootgroup = $facts['os']['family'] ? {  'Solaris'          => 'wheel',  /(Darwin|FreeBSD)/ => 'wheel',  default            => 'root',}file { '/etc/passwd':  ensure => file,  owner  => 'root',  group  => $rootgroup,}**

* A. The default value would be used

**(Correct)**

* B. Puppet will do nothing
* C. Puppet will fail compilation with an error.

#### Explanation

Option A is correct: If none of the values match, then the default value('root' in this cases) will be returned. Option B is incorrect: Puppet will return the default valueOption C is incorrect: Puppet will return the default valueFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_conditional.html#behavior-3The correct answer is: The default value would be used

Bottom of Form

Top of Form

Question 26: **Incorrect**

**In the below example, what would be the output?[1, 2, 3, [1, 2]] - [1, 2]**

* A. [2, 3, 4, 5]
* B. [2, 3, 4, 5]
* C. [3, [1, 2]]

**(Correct)**

* D. [1, 2, 3]

**(Incorrect)**

#### Explanation

Option C is correct : Resolves to an array containing the elements in the left operand, with every occurrence of any elements in the right operand removed.Options A, B and D are incorrect : Both operands should be arrays; if the right operand is a scalar value, it will be converted to a single-element array first. Hash values aren’t automatically wrapped in arrays, so you must always do this yourself.If the left operand isn’t an array, Puppet will interpret - as arithmetic subtraction.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_expressions.html#removalThe correct answer is: [3, [1, 2]]

Bottom of Form

Top of Form

Question 27: **Correct**

**You want to serve sshd\_config file from the module’s file directory to the agent nodes. What should be the value of the file\_url of  the source attribute in the below example? package { 'openssh-server':  ensure => present,} -> # and then:file { '/etc/ssh/sshd\_config':  ensure => file,  mode   => '0600',  source => 'file\_url',} ~> # and then:service { 'sshd':  ensure => running,  enable => true,}**

* A. source = 'puppet://modules/sshd/sshd\_config',
* B. source => 'puppet:///modules/sshd/sshd\_config',

**(Correct)**

* C. source = 'puppet:///modules/sshd/sshd\_config',
* D. source => 'puppet://modules/sshd/sshd\_config',

#### Explanation

Option B is correct : Files in a module’s files directory can be served to agent nodes. They can be downloaded by using puppet:/// URLs in the sourceattribute of a file resource.Option A is incorrect : It shoud use ‘=>’ and ‘///’ in the file pathOption C is incorrect : It shoud use ‘=>’Option D is incorrect : It shoud use ‘///’ in the file pathFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/modules\_fundamentals.html#files-in-modulesThe correct answer is: source => 'puppet:///modules/sshd/sshd\_config',

Bottom of Form

Top of Form

Question 28: **Incorrect**

**Which is not the control expressions of a Unless statement?**

* A. Variables
* B. Expressions
* C. Undef values

**(Correct)**

* D. Functions  that return a value

**(Incorrect)**

#### Explanation

Option C is correct : The value of an if expression is the value of the last expression in the executed block, or undef if no block was executed.Option A is incorrect : Variables are the control expressions in unless statementOption B is incorrect : Expressions, including arbitrarily nested and and or expressionsOption D is incorrect :  All the functions that return a value are the control expressions in unless statementFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_conditional.html#behavior-2The correct answer is: Undef values

Bottom of Form

Top of Form

Question 29: **Incorrect**

**Which of the below three parameters are required for enabling code manager during installation of Puppet?[Choose 3]**

* A. puppet\_enterprise::profile::master::r10k\_remote

**(Correct)**

* B. puppet\_enterprise::profile::master::r10k\_private\_key

**(Correct)**

* C. puppet\_enterprise::profile::master::r10k\_public\_key

**(Incorrect)**

* D. puppet\_enterprise::profile::master::code\_manager\_auto\_configure

**(Correct)**

#### Explanation

Option A is correct : This setting specifies the location of the control repository. It accepts a string that is a valid URL for your Git control repository.Option B is correct : This setting specifies the path to the file that contains the SSH private key used to access your Git repositories. The pe-puppet user must be able to access this location; we recommend /etc/puppetlabs/puppetserver/ssh/id-control\_repo.rsa.This SSH private key file, which you created when you set up your control repository, must be located on the Puppet master and owned by the pe-puppet userOption D is correct : This setting configures Code Manager, the Git control repository to use for storing code, and the private key for accessing your Git repos. Acceptable values are true and false (case sensitive). Set it to true to enable and configure Code Manager. If you set it to false, Code Manager and file sync are disabled.Option C is incorrect : public key is not required to be set for enabling code managerFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/code\_mgr\_config.html#enable-code-manager-during-installationThe correct answers are: puppet\_enterprise::profile::master::r10k\_remote, puppet\_enterprise::profile::master::r10k\_private\_key, puppet\_enterprise::profile::master::code\_manager\_auto\_configure

Bottom of Form

Top of Form

Question 30: **Incorrect**

**To request an authentication token for code manager, you must first assign a user the correct permissions with role-based access control (RBAC). Which of the following role should be assigned?**

* A. Viewers
* B. Code Deployers

**(Correct)**

* C. Administrator
* D. Operator

**(Incorrect)**

#### Explanation

Option B is correct : To request an authentication token, you must first assign a user the correct permissions with role-based access control (RBAC).1.    In the console, create a deployment user. We recommend that you create a dedicated deployment user for Code Manager use.2.    Add the deployment user to the Code Deployers role. This role is automatically created on install, with default permissions for code deployment and token lifetime management.Option A is incorrect : Viewers have access only to viewOption C is incorrect : Administrators role manages users and their permissions, and create and modify node groups and other objects.Option D is incorrect :  Operators role creates and modifies node groups and other objects.For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/code\_mgr\_config.html#assign-a-user-to-the-deployment-roleThe correct answer is: Code Deployers

Bottom of Form

Top of Form

Question 31: **Incorrect**

**Which of the below r10k deploy subcommands displays a list of modules in the Puppetfile?**

* A. display
* B. display -p

**(Correct)**

* C. display --detail
* D. display --fetch

**(Incorrect)**

#### Explanation

Option B is correct: Displays a list of modules in the Puppetfile.Option A is incorrect: Displays a list of environments in your deployment.Option C is incorrect: Displays detailed information.Option D is incorrect: Update the environment sources. Allows you to check for missing environments.For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/r10k\_commands.html#r10k-deploy-subcommandsThe correct answer is: display -p

Bottom of Form

Top of Form

Question 32: **Incorrect**

**Below is the entry in the PuppetFilemod 'hieradata',              :git    => 'git@git.example.com:organization/hieradata.git',              :branch => ‘production’,              :default\_branch => 'master'Which statements are incorrect as per the above example?**

* A. Production branch will be deployed
* B. If the production branch fails code management logs an error and does not deploy or update the content

**(Correct)**

* C. Master branch is the failover branch if production branch fails

**(Incorrect)**

#### Explanation

Option B is correct : If the production branch fails, it will failover to the master branch.Option A is incorrect : The branch option will be first preference for code deploymentOption C is incorrect : If you specified a ref, tag, commit, or branch option for your repository, and it cannot be resolved and deployed, code management can instead deploy the default\_branchFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/puppetfile.html#set-a-default-branch-for-content-deploymentThe correct answer is: If the production branch fails code management logs an error and does not deploy or update the content

Bottom of Form

Top of Form

Question 33: **Incorrect**

**What is the Resource Abstraction Layer?**

* A. Describing/declaring the state of a resource.

**(Correct)**

* B. Extensions of the Puppet language for describing configuration relationships between components of a distributed application.
* C. Provisioning application that deploys bare-metal systems

**(Incorrect)**

* D. Providers enforce the desired state.

**(Correct)**

#### Explanation

Option A is correct : By default, you must at least provide a type to list, in which case puppet resource will tell you everything it knows about all resources of that type.Option D is correct : If given a type, a name, and a series of attribute=value pairs, puppet resource will modify the state of the specified resource.Option B is incorrect : This is a definition of Application orchestrationOption C is incorrect : This is definition of RazorFor additional information on this subject, please refer the below URL:https://docs.puppet.com/puppet/latest/man/resource.htmlThe correct answers are: Describing/declaring the state of a resource., Providers enforce the desired state.

Bottom of Form

Top of Form

Question 34: **Incorrect**

**We have a hierarchy of hiera config files as below and the following data. What will be the values of the respective parameters? - web01.example.com            - common# web01.example.com.yaml             mykey:               port: 8080            # common.yaml            mykey:              hostname: "web01.example.com"              docroot: "/var/www/html"              port: 80**

* A. {z => "80", hostname => "web01.example.com", docroot => "/var/www/html"}
* B. {z => "8080", hostname => "web01.example.com", docroot => "/var/www/html"}

**(Correct)**

* C. {z => "8080", hostname => "web01.example.com", docroot => "/var/www/web01.example.com/"}

**(Incorrect)**

* D. Puppet will throw an error for colliding values of port

#### Explanation

Option B is correct : The value in web01.example.com.yaml file will take preference and port will be 8080Option A is incorrect : Port 80 is incorrectOption C is incorrect : The docroot value /var/www/web01.example.com/ is incorrectOption D is incorrect : There will be no error. Puppet will take preference over the port value specified in the web01.example.com.yaml fileFor additional information on this subject, please refer the below URL:https://docs.puppet.com/hiera/3.3/lookup\_types.html#native-mergingThe correct answer is: {z => "8080", hostname => "web01.example.com", docroot => "/var/www/html"}

Bottom of Form

Top of Form

Question 35: **Incorrect**

**Which of the following url is suitable for triggering code manager using webhook for  a github repository?**

* A. https://code-manager.example.com/code-manager/v1/webhook?type=github&token=<TOKEN>
* B. https://code-manager.example.com:8170/codemanager/v1/webhook?type=github&token=<TOKEN>

**(Incorrect)**

* C. https://code-manager.example.com:8170/code-manager/v1/webhook&token=<TOKEN>
* D. https://code-manager.example.com:8170/code-manager/v1/webhook?type=github&token=<TOKEN>

**(Correct)**

#### Explanation

Option D is correct : It has all the requirements of type, prefix and token in a webhook urlOption A is incorrect : This webhook is missing the port on which puppet would connectOption B is incorrect : This webhook is incorrect as its wrongly typed codemanager istead of code-managerOption C is incorrect :This webhook is missing the type For additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.3/code\_management/code\_mgr\_webhook.html#code-manager-webhook-query-parametersThe correct answer is: https://code-manager.example.com:8170/code-manager/v1/webhook?type=github&token=<TOKEN>

Bottom of Form

Top of Form

Question 36: **Correct**

**You have 5 nodes of different domain names to add to the puppet master as below -Node1.example.comNode2.example.comNode3.example.comNode4.example.comNode5.example.comYou want to handle the certificate request without manual intervention but want to restrict the node name to your domain example.com. How will you achive this?**

* A. Add an entry in puppet.conf to accept requests for \*.example.com
* B. Add \* in autosign.conf
* C. Add \*.example.com in global.conf
* D. Add \*.example.com in autosign.conf

**(Correct)**

#### Explanation

Option D is correct : \*.example.com will match all the nodes with hostname example.comOption A is incorrect : puppet.conf file does not handle autosigning requestsOption B is incorrect : \* will allow all the nodes to get added in puppet masterOption C is incorrect : global.conf file does not handle autosigning requestsFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/config\_file\_autosign.htmlThe correct answer is: Add \*.example.com in autosign.conf

Bottom of Form

Top of Form

Question 37: **Incorrect**

**For your development environment you want to override the modulepath and environment\_timeout values. Where should you specify these values for it to take preference?Choose 2 correct options.**

* A. The values cannot be overriden. All the environments have to use the same values
* B. Add the modulepath and environment\_timeout in $codedir/environments/development/environment.conf

**(Correct)**

* C. Add the modulepath and environment\_timeout in the manifests/init.pp file

**(Incorrect)**

* D. You can initiate a puppet run with the required values overriding it

**(Correct)**

#### Explanation

Option B is correct : ‘environment.conf’  file can override several settings whenever the Puppet master is serving nodes assigned to that environment.Option D is correct : Specifying values on the command line can also override the original valueOption A is incorrect : The values can be overriden using ‘environment.conf’ or via command lineOption C is incorrect : manifests/init.pp file has the original values set. It does not overrideFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/environments\_creating.html#the-environmentconf-fileThe correct answers are: Add the modulepath and environment\_timeout in $codedir/environments/development/environment.conf, You can initiate a puppet run with the required values overriding it

Bottom of Form

Top of Form

Question 38: **Incorrect**

**In the below array assignments which is incorrect?**

* A. [$a, $b, $c] = [1,2,3]

**(Incorrect)**

* B. [$a, [$b, $c]] = [1,2,3]

**(Correct)**

* C. [$a, $b] = [1, [2]]
* D. [$a, [$b]] = [1, [2]]

#### Explanation

Option A is correct : This is correct array assignment and the value would be $a = 1, $b = 2, $c = 3Option C is correct : This is correct array assignment and the values would be $a = 1, $b = [2]Option D is correct : This is correct array assignment and the values would be $a = 1, $b = 2Option B is incorrect : The array has a nested array  [$b, $c] and the values are assigned as a single array [1,2,3]For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_variables.html#assigning-multiple-variablesThe correct answer is: [$a, [$b, $c]] = [1,2,3]

Bottom of Form

Top of Form

Question 39: **Correct**

**Which kind of operands do chaining arrows accept on either side?[Choose 3]**

* A. Resource references

**(Correct)**

* B. Resource declarations

**(Correct)**

* C. Hash of Resource references
* D. Resource collectors

**(Correct)**

#### Explanation

Option A, B and D are correct : An operand can be shared between two chaining statements, which allows you to link them together into a “timeline”.Since resource declarations can be chained, you can use chaining arrows to make Puppet apply a section of code in the order that it is written:Example:Package['ntp'] -> File['/etc/ntp.conf'] ~> Service['ntpd']Option D is incorrect : It can contain Arrays of resource referencesFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_relationships.html#operandsThe correct answers are: Resource references, Resource declarations, Resource collectors

Bottom of Form

Top of Form

Question 40: **Incorrect**

**From the below resource declaration examples which is  following the best practices of puppet language style guide?**

* A. "/etc/${file}.conf""${facts[\‘operatingsystem\’]} is not supported by ${module\_name}"
* B. "/etc/$file.conf""$facts['operatingsystem'] is not supported by ‘$module\_name’"
* C. ‘/etc/$file.conf’‘$facts['operatingsystem'] is not supported by $module\_name’

**(Incorrect)**

* D. "/etc/${file}.conf""${facts['operatingsystem']} is not supported by ${module\_name}"

**(Correct)**

#### Explanation

Option D is correct : The example in D option is following the best practice as it is having the correct quoting and use of interpolated variables. All strings must be enclosed in single quotes, with some exceptions.A string does not have to be in single quotes if it:?     Contains variables.?     Contains single quotes.?     Contains escaped characters not supported by single-quoted strings.?     Is an enumerable set of options, such as present/absent, in which case the single quotes are optional.?     All variables must be enclosed in braces when interpolated in a stringOption A is incorrect : The single quotes around ‘operatingsystem’ are escaped.Option B is incorrect : The interpolated variable $module\_name is enclosed by single quoteOption C is incorrect : The statement is quoted in single quotes rather than double quotes since it contains variablesFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/style\_guide.html#quotingThe correct answer is: "/etc/${file}.conf""${facts['operatingsystem']} is not supported by ${module\_name}"

Bottom of Form

Top of Form

Question 41: **Correct**

**Which of the below exhibit would throw an dependency cycle error?**

* A. package { 'openssh-server':ensure => present,before => File['/etc/ssh/sshd\_config'],}file { '/etc/ssh/sshd\_config':ensure  => file,mode    => '0600',source  => 'puppet:///modules/sshd/sshd\_config',require => Package['openssh-server'],}
* B. file { '/etc/ssh/sshd\_config':ensure => file,mode   => '0600',source => 'puppet:///modules/sshd/sshd\_config',notify => Service['sshd'],}service { 'sshd':ensure    => running,enable    => true,subscribe => File['/etc/ssh/sshd\_config'],}
* C. package { 'openssh-server':ensure => present, require => File['/etc/ssh/sshd\_config'],}file { '/etc/ssh/sshd\_config':ensure  => file,mode    => '0600',source  => 'puppet:///modules/sshd/sshd\_config',require => Package['openssh-server'],}

**(Correct)**

* D. service { 'sshd':ensure  => running, require => [Package['openssh-server'],File['/etc/ssh/sshd\_config'], ],}package { 'openssh-server':ensure => present,before => Service['sshd'],}file { '/etc/ssh/sshd\_config':ensure => file,mode   => '0600',source => 'puppet:///modules/sshd/sshd\_config',before => Service['sshd'],}

#### Explanation

Option C is correct : The use of require metaparameter in both the resource decalaration would create a cyclical dependency. It would throw an error as below -err: Could not apply complete catalog: Found 1 dependency cycle:(<RESOURCE> => <OTHER RESOURCE> => <RESOURCE>)Option A is incorrect : This example creates the same ordering relationship and will execute without errorsOption B is incorrect : This example create the same notifying relationship and will execute without errorsOption D is incorrect : Since an array of resource references can contain resources of differing types, these two examples also create the same ordering relationship and will execute without errorsFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_relationships.html#syntax-relationship-metaparametersThe correct answer is: package { 'openssh-server':ensure => present, require => File['/etc/ssh/sshd\_config'],}file { '/etc/ssh/sshd\_config':ensure  => file,mode    => '0600',source  => 'puppet:///modules/sshd/sshd\_config',require => Package['openssh-server'],}

Bottom of Form

Top of Form

Question 42: **Correct**

**Which is the default enviroment when deploying code in Puppet Enterprise?**

* A. Development
* B. Production

**(Correct)**

* C. Master
* D. Staging

#### Explanation

Option B is correct : PE comes with a Production environment group that includes all nodes in the production environment by defaultOption A is incorrect : Developemt is not default but can be created and maintainedOption C is incorrect : Master is not default but can be created and maintainedOption D is incorrect : Staging is not default but can be created and maintainedFor additional information on this subject, please refer the below URL:https://puppet.com/docs/pe/2017.2/console\_classes\_groups\_environment\_override.html#workflowThe correct answer is: Production

Bottom of Form

Top of Form

Question 43: **Correct**

**In the following snippet, what should be the path of the template file?file { '/etc/ntp.conf':  ensure  => file,  content => epp('ntp/ntp.conf.epp', {'service\_name' => 'xntpd', 'iburst\_enable' => true}),}**

* A. /etc/puppetlabs/code/environments/production/modules/ntp/ntp.conf.epp
* B. /etc/puppetlabs/code/environments/production/modules/ntp/templates/ntp.conf.epp

**(Correct)**

* C. /etc/puppetlabs/code/environments/production/modules/ntp/templates/ntp.conf.erb
* D. /etc/puppetlabs/code/environments/production/modules/ntp/ntp.conf.erb

#### Explanation

Option B is correct : This is the correct path which will load the ntp.conf.epp fileOption A is incorrect : The path is incorrect, its missing the templates directoryOption C is incorrect : EPP files should have the .epp extensionOption D is incorrect : EPP files should have the .epp extension and the path is also incorrect, its missing the templates directoryFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_template.html#with-a-template-file-template-and-eppThe correct answer is: /etc/puppetlabs/code/environments/production/modules/ntp/templates/ntp.conf.epp

Bottom of Form

Top of Form

Question 44: **Incorrect**

**Which of the below statements are incorrect about ensure attribute?**

* A. Ensure checks wheter the file exists
* B. Ensure checks whether a service is running or stopped

**(Incorrect)**

* C. Ensure checks whether a package is installed or uninstalled
* D. Present and uninstall are the accepted values for Ensure

**(Correct)**

#### Explanation

Option D is correct : Present and absent are the accepted values for EnsureOption A, B and C are incorrect : Many resource types have an ensure attribute. This generally manages the most important aspect of the resource on the target system — does the file exist, is the service running or stopped, is the package installed or uninstalled, etc.Allowed values for ensure vary by resource type. Most accept present and absent, but there might be additional variations. Be sure to check the reference for each resource type you are working with.For additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/lang\_resources.html#ensureThe correct answer is: Present and uninstall are the accepted values for Ensure

Bottom of Form

Top of Form

Question 45: **Incorrect**

**Which are the allowed values in a source attribute of a file resource type?[Choose 3]**

* A. puppet

**(Correct)**

* B. file

**(Correct)**

* C. http

**(Correct)**

* D. erb

**(Incorrect)**

#### Explanation

Option A is correct : URIs, which point to files in modules or Puppet file server mount points.Option B is correct : URIs, which behave the same as local file paths.Option C is correct : URIs, which point to files served by common web serversOption D is incorrect : erb is a type of the template fileFor additional information on this subject, please refer the below URL:https://puppet.com/docs/puppet/5.3/types/file.html#file-attribute-sourceThe correct answers are: puppet, file, http

Bottom of Form