

Adobe.Premium.AD0-E717.77q - DEMO

Number: AD0-E717  
Passing Score: 800  
Time Limit: 120 min  
File Version: 1.0



Exam Code: AD0-E717

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## Exam A

### QUESTION 1

How should a developer display a custom attribute on the category edit page in the admin panel when a new module Vendor.Category is created?

- A. Create view/adminhtml/layout/catalog\_category\_edit.xml in the module, and then define a block that would display the field for the attribute.
- B. The field for the attribute will appear automatically.
- C. Create view/adminhtml/ui\_component/category\_form.xml file in the module, and then define the field for the attribute.

**Correct Answer: A**

**Section:**

**Explanation:**

To display a custom attribute on the category edit page in the admin panel, a developer should create a view/adminhtml/layout/catalog\_category\_edit.xml file in the module and define a block that would display the field for the attribute.

### QUESTION 2

How should a grid or form be included in an admin page layout using the UI Component?

- A. `<referenceContainername='content'> q <uiComponentname='example_listing.xml7' </referenceContainer>`
- B. `<referenceContainername='contentf'> q <uiComponent name='example_listing7' </referenceContainer>`
- C. `<referenceContainername='content'> <uiComponentname='Vendor_Module::ul_component/example_listing.xml7' </referenceContainer>`

**Correct Answer: C**

**Section:**

**Explanation:**

To include a grid or form in an admin page layout using the UI Component, a developer should use the following code:

```
<referenceContainer name='content'>
```

```
<uiComponent name='Vendor_Module::ul_component/example_listing.xml' />
```

```
</referenceContainer>
```

### QUESTION 3

Which action, if any, should be taken to forbid Adobe Commerce Admin from performing specific actions?

- A. Create a new user role with custom-defined resources, and assign it to the admin user
- B. This action cannot be taken since all admin users must have full access.
- C. Enable custom roles in the store configuration, and assign admin user ID(s).

**Correct Answer: A**

**Section:**

**Explanation:**

To forbid Adobe Commerce Admin from performing specific actions, a developer should create a new user role with custom-defined resources, and assign it to the admin user. This can be done by going to System > Permissions > Roles and creating a new role. In the Resources section, the developer can select the specific resources that they want to restrict the admin user from accessing.

### QUESTION 4

Which file should a developer use to set the default value when creating configuration fields for admin?

- A. etc/adminhtml/config.xml
- B. etc/config.xml
- C. etc/adminhtml/system.xml

**Correct Answer: C**

**Section:**

**Explanation:**

To set the default value when creating configuration fields for admin, a developer should use the etc/adminhtml/system.xml file. This file contains the configuration for the admin panel, and the developer can add a

new configuration field with a default value by using the following code:

```
<config>
<default>
<my_custom_config_field>10</my_custom_config_field>
</default>
</config>
```

#### QUESTION 5

How can a developer prioritize a plugin's execution, if possible?

- A. The developer can use sortOrder property by specifying a lower value than the target plugin.
- B. The developer can use sortOrder property by specifying a higher value than the target plugin.
- C. This cannot be achieved as the plugins are always executed by their module's load order in app/etc/config.php file.

**Correct Answer: B**

**Section:**

**Explanation:**

To prioritize a plugin's execution, a developer can use the sortOrder property and specify a higher value than the target plugin. For example, if the developer wants to prioritize a plugin named MyPlugin over a plugin named OtherPlugin, they would add the following code to the etc/config.php file:

```
'modules' => [
'Vendor_MyPlugin' => [
'sortOrder' => 100,
],
'Vendor_OtherPlugin' => [
'sortOrder' => 50,
],
],
```

This would ensure that MyPlugin is always executed before OtherPlugin.

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#### QUESTION 6

In which two directories are third-party modules located by default? (Choose two.)

- A. vendor/
- B. app/packages/
- C. app/modules/
- D. app/code/

**Correct Answer: A, D**

**Section:**

**Explanation:**

By default, third-party modules are located in vendor/ or app/code/ directories. The vendor/ directory contains modules that are installed using Composer, while the app/code/ directory contains modules that are manually copied or cloned from a repository.

#### QUESTION 7

What does a URL Rewrite do?

- A. It updates the URL that is stored on the server.
- B. It changes the way a URL appears in the browser
- C. It updates the URL to a domain that is not being Indexed.

**Correct Answer: B**

**Section:**

**Explanation:**

A URL rewrite changes the way a URL appears in the browser. For example, a URL rewrite could be used to change the URL for a product from /product/1234 to /product/my-product.

**QUESTION 8**

Which file is used to add a custom router class to the list of routers?

- A. routes.xml
- B. di.xml
- C. config.xml

**Correct Answer: A**

**Section:**

**Explanation:**

The routes.xml file is used to define the list of routers for Adobe Commerce. A custom router class can be added to the list of routers by adding a new entry to the routes.xml file.

**QUESTION 9**

A developer found a bug inside a private method of a third party module class. How can the developer override the method?

- A. Create a custom class with corrected logic, and define the class as preference in the preferences.xml.
- B. Create a custom class with the corrected logic, and define the class as a preference for original one in the di.xml.
- C. Create a plugin, implement correct logic in the after' method, and then define the plugin in the di.xml.

**Correct Answer: C**

**Section:**

**Explanation:**

To override a private method in a third party module class, a developer can create a plugin. The plugin should implement the after method, and the correct logic should be placed in the after method. The plugin should then be defined in the di.xml file.

**QUESTION 10**

Which property allows multiple cron jobs to share the same configuration?

- A. name
- B. group
- C. schedule

**Correct Answer: B**

**Section:**

**Explanation:**

The group property allows multiple cron jobs to share the same configuration. The group property defines the name of the cron group that the cron job belongs to. A cron group can have common settings such as schedule, status, and error email recipients.

Configure a custom cron job and cron group (tutorial) | Adobe Commerce

**QUESTION 11**

Which command invalidates the index?

- A. bin/magento indexerreindex <index\_name>
- B. bin/magento indexer:reset <index\_name>
- C. bin/magento Indexerinvaliddate <Index\_name>

**Correct Answer: B**

**Section:**

**Explanation:**

The command bin/magento indexer:reset <index\_name> sets the status of the specified index to "Invalid". This means that the index needs to be updated before it can be used by Magento1.

**QUESTION 12**

Which index mode is valid?

- A. Update on refresh
- B. Update on invalidate
- C. Update on save

**Correct Answer: C**

**Section:**

**Explanation:**

The valid index modes are update on save and update on refresh.

#### QUESTION 13

Which command should be used to refresh the cache using the command line?

- A. magentocacheclean<type>
- B. magentocacherefresh<type>
- C. magentocachedelete<type>

**Correct Answer: B**

**Section:**

**Explanation:**

The command `magentocacherefresh<type>` clears and regenerates a specific cache type<sup>1</sup>. This is different from `magentocacheclean<type>`, which only clears a specific cache type without regenerating it, and `magentocachedelete<type>`, which deletes a specific cache type from the file system<sup>1</sup>.

#### QUESTION 14

Which has its own root category?

- A. Websites
- B. Stores
- C. Store Views

**Correct Answer: B**

**Section:**

**Explanation:**

In Magento, each store has its own root category, which defines the main category structure for that store<sup>1</sup>. Websites and store views do not have their own root categories, but they can share or inherit the root category of a store<sup>1</sup>.

#### QUESTION 15

A merchant has noticed an error in the checkout. The accessed URL is `/checkout`.

Where can the developer find the responsible controller in the `Magento.Checkout` module?

- A. `Controller/Index/Index.php`
- B. `Controller/Index/Checkout.php`
- C. `Controller/Checkout/Index.php`

**Correct Answer: C**

**Section:**

**Explanation:**

The controller responsible for handling the `/checkout` URL is located in `Controller/Checkout/Index.php` in the `Magento.Checkout` module<sup>1</sup>. This controller extends from `\Magento\Checkout\Controller\Index\Index`, which implements the `execute()` method that renders the checkout page<sup>1</sup>.

#### QUESTION 16

What is the default store ID for the admin panel?

- A. 0
- B. 1
- C. -1

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**Correct Answer: A**

**Section:**

**Explanation:**

**QUESTION 17**

A developer is creating a class `\Vendor\Module\Model\MyModel`. How should that class be defined as transient in `di.xml`?

- A. `<type name="\Vendor\Module\Model\MyModel" transient="true">`
- B. `<type name="\Vendor\Module\Model\MyModel" singleton="false">`
- C. `<type name="\Vendor\Module\Model\MyModel" shared="false">`

**Correct Answer: A**

**Section:**

**Explanation:**

To define a class as transient in `di.xml`, the `transient` attribute should be set to `true`.

Code snippet

```
<type name="\Vendor\Module\Model\MyModel" transient="true">
```

**QUESTION 18**

Under which section should the soft dependency for a module be listed in `app/code/<Vendor>/<Module>/composer.json` file?

- A. `suggest*:` {
- B. `} optional:` {
- C. `} soft:` {
- D. `}`

**Correct Answer: C**

**Section:**

**Explanation:**

The soft dependency for a module should be listed in the `soft` section of the `app/code/<Vendor>/<Module>/composer.json` file.

```
{
  'name': 'Vendor/Module',
  'description': 'This is a sample module',
  'type': 'magento2-module',
  'version': '1.0.0',
  'require': {
    'php': '~7.3.0',
    'magento/framework': '^2.4.0',
    'soft': {
      'magento/module-catalog': '^2.4.0'
    }
  }
}
```

**QUESTION 19**

How can a developer override a core class method in Adobe Commerce?

- > B. --> C
- A.

**Correct Answer: A**

**Section:**

**Explanation:**

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The preference element in di.xml allows specifying a custom class that will be used instead of the original class when creating an object. This can be used to override a core class method by extending the original class and overriding the method in the custom class. The rewrite and argument elements are not valid for overriding core class methods in di.xml.

#### QUESTION 20

Which command can be used to display a full list of enabled and disabled Magento modules?

- A. bin/magento module:all
- B. bin/magento modulestatus
- C. bin/magento module:show

**Correct Answer: B**

**Section:**

**Explanation:**

The command bin/magento modulestatus displays the status of all modules, including enabled and disabled ones. The command bin/magento module:all is not valid, and the command bin/magento module:show displays information about a specific module.

#### QUESTION 21

Which Adobe Commerce table stores all cron data?

- A. schedule
- B. cronjob
- C. cron\_schedule

**Correct Answer: C**

**Section:**

**Explanation:**

The cron\_schedule table stores all cron data in Adobe Commerce. It contains information about the cron jobs that are scheduled to run, as well as the time and date they are scheduled to run.

#### QUESTION 22

Which method type can be intercepted by plugins?

- A. final
- B. static
- C. public

**Correct Answer: C**

**Section:**

**Explanation:**

Only public methods can be intercepted by plugins. This is because plugins are essentially extensions of Magento classes, and they can only modify the behavior of public methods.

#### QUESTION 23

Which two actions will the developer need to take to translate strings added in JS files? (Choose two.)

- A. define ([ 'jquery', 'mage/translate' ], function (\$, \$t) { .;
- B. \$ trans( ,<string>')
- C. \$.mage.\_('<string>');
- D. translate('<string>');

**Correct Answer: A, C**

**Section:**

**Explanation:**

To translate strings added in JS files, the developer needs to do the following:

Import the mage/translate module.

Use the translate() function to translate the string.

**QUESTION 24**

Which Magento project directory is the recommended webroot for the web server?

- A. Pub/
- B. app/
- C. bin/

**Correct Answer: A**

**Section:**

**Explanation:**

The Pub/ directory is the recommended webroot for the web server in Magento. This is because it contains all of the static content that is used by the Magento store, such as images, CSS, and JavaScript files.

**QUESTION 25**

Which CLI command should be used to determine that static content signing is enabled?

- A. bin/magento config:show dev/static/status
- B. bin/magento config:show dev/static/sign
- C. bin/magento config:show dev/static/sign/status

**Correct Answer: C**

**Section:**

**Explanation:**

The bin/magento config:show dev/static/sign/status CLI command can be used to determine if static content signing is enabled in Magento. If static content signing is enabled, the output of the command will include the following message:

static content signing is enabled

**QUESTION 26**

A developer is working on a task that includes a custom controller creation. A controller should forward the request to a different action.

How can the developer complete this task?

- A. Specify the forward action in the controllerjorward.xml configuration file.
- B. Implement a forwardToAction method in the controller, and return the action where the request should be forwarded.
- C. Return the forward object with action as an argument in the object's forward method

**Correct Answer: C**

**Section:**

**Explanation:**

To forward the request to a different action, the developer can use the following code in the controller:

```
return $resultForward->forward('action');
```

where \$resultForward is an instance of \Magento\Framework\Controller\Result\FowardInterface and 'action' is the name of the action where the request should be forwarded.

There is no controllerjorward.xml configuration file or forwardToAction method in Adobe Commerce.

Verified

Reference: [Adobe Commerce Developer Guide - Forward action result]

**QUESTION 27**

A product has been added to the Adobe Commerce Store, and it contains a value for the custom product attribute. A merchant reports that the attribute value is not displayed in the Additional Information tab on the product detail page.

Which action will correct this problem?

- A. The attribute must be moved to the specific group in the attribute set
- B. The attribute property 'Use in Product Tab' must be set to 'yes'
- C. The attribute property 'Visible on Catalog Pages on Storefront' must be set to 'yes'.

**Correct Answer: C**

**Section:**



**Explanation:**

The 'Visible on Catalog Pages on Storefront' attribute property determines whether or not the attribute value is displayed in the Additional Information tab on the product detail page. If this property is set to 'no', the attribute value will not be displayed.

**QUESTION 28**

Which two attribute input types can be used for a date? (Choose two.)

- A. Timezone
- B. Schedule
- C. Date and Time
- D. Date

**Correct Answer: C, D**

**Section:****Explanation:**

The two attribute input types that can be used for a date are Date and Time and Date. These input types allow the user to select a date or a date and time from a calendar widget. The Timezone and Schedule input types do not exist in Adobe Commerce.

Verified

Reference: [Adobe Commerce User Guide - Create a product attribute]

**QUESTION 29**

Which two attribute input types does Magento already have by default? (Choose two.)

- A. Multiple Select
- B. Text Field
- C. Geographic coordinate
- D. Numeric Field

**Correct Answer: A, B**

**Section:****Explanation:**

The two attribute input types that Adobe Commerce already has by default are Multiple Select and Text Field. Multiple Select allows the user to select multiple values from a list of options. Text Field allows the user to enter text in a single line.

The Geographic coordinate and Numeric Field input types do not exist in Adobe Commerce.

Verified

Reference: [Adobe Commerce User Guide - Create a product attribute]

**QUESTION 30**

How are multiple EAV attributes belonging to the same entity grouped in the database?

- A. Based on the sizes of values they contain
- B. Based on all numeric values being stored in one table while text values are stored in the other
- C. Based on the types of values they contain

**Correct Answer: C**

**Section:****Explanation:**

Multiple EAV attributes belonging to the same entity are grouped in the database based on their data types, such as datetime, decimal, int, text, or varchar. For example, all attributes with datetime values are stored in one table, while all attributes with text values are stored in another table.

The sizes or numeric/text values of attributes do not determine how they are grouped in the database.

Verified

Reference: [Adobe Commerce Developer Guide - EAV data model]

**QUESTION 31**

How should a record be removed from a database which is using a model that was inherited from the \Magento\Framework\Model\AbstractModel class?

- A. Call the 'unset' method on this model object
- B. Call the 'remove' method on this model object
- C. Call the 'delete' method on this model object

**Correct Answer: C**

**Section:**

**Explanation:**

The 'delete' method on the \Magento\Framework\Model\AbstractModel class is used to remove a record from the database. This method will also cascade the delete to any related records.

#### QUESTION 32

In a new release of a module, a developer decides to rename a table that was defined in the earlier versions. Which action, if any, allows the developer to prevent data loss?

- A. Define onCreate='migrateDataFromAnotherTable(old\_table\_name)' attribute in the table tag.
- B. Declarative schema supports RENAME TABLE, so the data will be migrated to the new table automatically.
- C. Define the table and columns mapping in the db.schema\_whitelist.json

**Correct Answer: A**

**Section:**

**Explanation:**

To prevent data loss when renaming a table that was defined in the earlier versions of a module, the developer should define onCreate="migrateDataFromAnotherTable(old\_table\_name)" attribute in the table tag of the db\_schema.xml file. This attribute will instruct Adobe Commerce to copy all data from the old table to the new table during installation or upgrade.

Declarative schema does not support RENAME TABLE statement, so the data will not be migrated to the new table automatically. The db.schema\_whitelist.json file is used to whitelist changes that are allowed for backward compatibility, not for data migration.

Verified

Reference: Adobe Commerce Developer Guide - Declare schema and data patches

#### QUESTION 33

A developer defined a new table in db.schema.xml while creating a new module.

What should be done to allow the removal of columns from the database when deleting them from db.schema.xml?

- A. The removable columns should be defined in db\_schema\_whitelist.json.
- B. The columns should have 'removable' attribute set to 'true' in the db.schema.xml.
- C. The removable columns should be defined in db.schema\_blacklist.json.

**Correct Answer: A**

**Section:**

**Explanation:**

If a developer wants to allow the removal of columns from the database when deleting them from db.schema.xml, they need to define the removable columns in the db\_schema\_whitelist.json file. This file will tell Magento which columns can be removed from the database.

#### QUESTION 34

Which attribute option restricts Catalog EAV attributes to only certain product types?

- A. show.in
- B. apply\_to
- C. allowed\_in

**Correct Answer: C**

**Section:**

**Explanation:**

The allowed\_in attribute restricts Catalog EAV attributes to only certain product types. This attribute can be used to prevent certain attributes from being displayed on certain product types.

#### QUESTION 35

Which two methods add sorting to collections inherited from the \Magento\Framework\Model\ResourceModel\Db\Collection\AbstractCollection class? (Choose two.)

- A. setOrder
- B. setSorting
- C. addSorting
- D. addOrder

**Correct Answer: A, D**

**Section:**

**Explanation:**

The two methods that add sorting to collections inherited from the \Magento\Framework\Model\ResourceModel\Db\Collection\AbstractCollection class are setOrder and addOrder. These methods allow adding one or more order clauses to a collection query.

The setSorting and addSorting methods do not exist in Adobe Commerce.

Verified

Reference: [Adobe Commerce Developer Guide - Collections]

#### QUESTION 36

The value of a product attribute in the Adobe Commerce system needs to have a different format before it is displayed. Which attribute model class is responsible for this?

- A. Frontend
- B. Backend
- C. Source

**Correct Answer: A**

**Section:**

**Explanation:**

The frontend attribute model class is responsible for formatting the value of a product attribute before it is displayed on the storefront. This class can implement methods such as getValue, getLabel, getInputType, and getOptionText to modify the attribute value.

The backend attribute model class is responsible for saving and loading the attribute value to and from the database. The source attribute model class is responsible for providing the list of options for an attribute.

Verified

Reference: [Adobe Commerce Developer Guide - Attribute models]

#### QUESTION 37

A developer would like to initialize a theme in Adobe Commerce. Which two files are required to complete this task? (Choose two.)

- A. theme.less
- B. registration.php
- C. composer.json
- D. themexml

**Correct Answer: B, D**

**Section:**

**Explanation:**

The two files that are required to initialize a theme in Adobe Commerce are registration.php and theme.xml. The registration.php file registers the theme in the system and assigns a unique name to it. The theme.xml file declares the theme's title, parent theme, media directory, and preview image.

The theme.less file is not required to initialize a theme, but it can be used to define global styles for the theme. The composer.json file is not required to initialize a theme, but it can be used to manage dependencies and packages for the theme.

Verified

Reference: [Adobe Commerce Developer Guide - Create a theme]

#### QUESTION 38

A developer needs to initialize the jQuery UI widget for a specific HTML tag. Which HTML attribute is used for this?

- A. x-magento-init

- B. data-mage-init
- C. data-ui

**Correct Answer: B**

**Section:**

**Explanation:**

The data-mage-init HTML attribute is used to initialize the jQuery UI widget for a specific HTML tag. This attribute specifies the name of the widget and its configuration options as a JSON object. The x-magento-init HTML attribute is used to initialize RequireJS modules for a specific HTML tag. The data-ui HTML attribute does not exist in Adobe Commerce.

Verified

Reference: [Adobe Commerce Developer Guide - Initialize JavaScript components using the data-mage-init attribute]

#### QUESTION 39

How can a custom CMS Page be set as a store home page?

- A. In the CMS Page admin grid, select the checkbox for the page under the 'Home Page' column.
- B. In the CMS Page admin form, set the 'Default Home Page' value to 'yes'
- C. In the store configuration, set a custom CMS Page to be a CMS home page

**Correct Answer: C**

**Section:**

**Explanation:**

To set a custom CMS Page as a store home page, the developer or merchant should follow these steps:

In the Admin panel, go to Content > Pages and create or edit a CMS Page that will be used as a home page.

In the Admin panel, go to Stores > Configuration > General > Web > Default Pages.

In the CMS Home Page field, select the CMS Page that was created or edited in step 1.

Save the configuration.

There is no "Home Page" column in the CMS Page admin grid or "Default Home Page" value in the CMS Page admin form.

Verified

Reference: [Adobe Commerce User Guide - Set up your home page]

#### QUESTION 40

Which theme directory contains the static files that can be loaded directly?

- A. web
- B. preprocessed
- C. assets

**Correct Answer: A**

**Section:**

**Explanation:**

The web directory contains the static files that can be loaded directly. This directory includes files such as CSS, JavaScript, and images.

#### QUESTION 41

A new custom module is built for the existing Adobe Commerce store. A merchant has requested a few frontend updates. For this, a developer has to implement a custom style.

What is the location of the less file that will be included by default?

- A. view/{area}/web/css/style.less
- B. view/{area}/web/css/source/main.less
- C. view/{area}/web/css/source/\_module.less

**Correct Answer: B**

**Section:**

**Explanation:**

The view/{area}/web/css/source/main.less file is the default less file that is included by default. This file contains the main styles for the module.

**QUESTION 42**

What is the correct way to inject CMS block in a layout?

- A. `<block class='Magento\Cms\Block\Block' name='blockIdentifier'> <arguments> q <argumentname='block_id' xsi:type='string'>my_cms_block_identifier</argument> </arguments> </block>`
- B. `<block class='Magento\Cms\Block\Block' name='block_identifier'> q <actionmethod='setBlock'>my_cms_block_identifier</action> </block>`
- C. `<referenceBlock name='content'> <block class='Magento\Cms\Block\Block' name='block_identifier' identifier='my_cms_block_Identifier' /> </referenceBlock>`

**Correct Answer: C**

**Section:**

**Explanation:**

To inject a CMS block in a layout, you can use the `<referenceBlock>` tag. The `<referenceBlock>` tag takes two attributes: the name of the block to inject and the identifier of the block. In this case, the block name is `block_identifier` and the identifier is `my_cms_block_identifier`.

**QUESTION 43**

What is one purpose of a customer data JS library?

- A. It stores the customer's credit card info for usage in the checkout.
- B. It stores private customer data in local storage.
- C. It stores the customer's username and password for easier frontend login.

**Correct Answer: B**

**Section:**

**Explanation:**

The customer data JS library is used to store private customer data in local storage. This data can be used to improve the customer's experience on the store, such as by remembering their shipping address or their preferred payment method.

**QUESTION 44**

A custom theme is being developed in the Adobe Commerce store, and the developer needs to override the current parent theme styles.

Which less file should the developer use to achieve this goal?

- A. `_theme.override.less`
- B. `_theme.less`
- C. `_source.less`

**Correct Answer: A**

**Section:**

**Explanation:**

To override the current parent theme styles, you can use the `_theme.override.less` file. This file is located in the `view/{area}/web/css/source` directory.

**QUESTION 45**

Which is a correct CMS content element in Adobe Commerce?

- A. Widget
- B. Sheet
- C. Image

**Correct Answer: A**

**Section:**

**Explanation:**

A widget is a CMS content element that can be used to display dynamic content on a page. Widgets can be used to display things like product reviews, social media feeds, or even custom content.

**QUESTION 46**

A developer needs to extend the existing jQuery widget. Which jQuery function is used for this purpose?

- A. `$.mage`

- B. \$.ui
- C. \$.widget

**Correct Answer: C**

**Section:**

**Explanation:**

The `$.widget()` function is used to extend the existing jQuery widget. This function takes two arguments: the name of the widget to extend and the definition of the new widget.

**QUESTION 47**

A seller would like to offer an electronic version of an album by selling each song individually. Which layout can be used to customize a product page layout for this item?

- A. `catalog_product_view_type_downloadable`
- B. `catalog_product_view_type_configurable`
- C. `catalog_product_view_category`

**Correct Answer: A**

**Section:**

**Explanation:**

The `catalog_product_view_type_downloadable` layout can be used to customize a product page layout for a downloadable product. This layout includes the product details, the product reviews, and the download links for the product's files.

**QUESTION 48**

A developer is making customizations in the checkout, and access to the quotes shipping address is needed. Which file provides the shipping address of the current quote?

- A. `Magento_Checkout/js/model/quote`
- B. `Magento_Quote/js/model/model`
- C. `Magento_Checkout/js/model/quote-shipping-address`

**Correct Answer: C**

**Section:**

**Explanation:**

The `Magento_Checkout/js/model/quote-shipping-address` file provides the shipping address of the current quote. This file can be accessed by developers to get the shipping address of the quote.

**QUESTION 49**

A merchant wants to include taxes in an Adobe Commerce store. Which option can have a tax class assigned to it?

- A. Order
- B. Shipping
- C. Category

**Correct Answer: B**

**Section:**

**Explanation:**

According to the Adobe Commerce User Guide, a tax class can be assigned to either a product or a customer group in Adobe Commerce. A product tax class determines how a product is taxed, while a customer tax class determines how a customer is taxed based on their location and group membership. Shipping is considered as a product tax class in Adobe Commerce, and it can be assigned to different shipping methods or rates. The other options are not valid for assigning a tax class.

**QUESTION 50**

A client would like to add an image icon in front of the telephone field to the shipping address form on a checkout page. What is the correct way to modify the UI component to set a custom template file for the field?

A)

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B)

C)

D)

- A. Option A
- B. Option B
- C. Option C
- D. Option D

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**Correct Answer: C**

**Section:**

**Explanation:**

**QUESTION 51**

Which condition must be satisfied to ensure that a Discard Subsequent Rules option that is set to 'Yes' actually prevents multiple discounts from being applied to the same product?

- A. Each pricing rule must have From and To date.
- B. Each pricing rule must have the defined priority.
- C. Each pricing rule must be created with Coupon code

**Correct Answer: B**

**Section:**

**Explanation:**

The Discard Subsequent Rules option is only applied if the pricing rules have different priorities. If two pricing rules have the same priority, the discount from both rules will be applied.

**QUESTION 52**

Which characteristic is associated with a persistent cart?

- A. By default, a persistent cookie will become inactive in 30 days.
- B. While using the persistent cart, guest users do not need to log in or register to checkout
- C. While the customer is logged in, If the session cookie expires, the persistent cookie will remain active

**Correct Answer: C**

**Section:**

**Explanation:**

A persistent cart is a cookie that is stored on the customer's computer. This cookie allows the customer to continue shopping even if they close their browser. If the customer is logged in, the persistent cookie will remain active even if the session cookie expires.

**QUESTION 53**

A developer is investigating a problem with the shopping cart. Some of the cart records in the database are being checked. Which table should the developer check?

- A. sales.quote
- B. sales.cart
- C. quote

**Correct Answer: A**

**Section:**

**Explanation:**

**QUESTION 54**

Which action, if any, can be taken to change the URL key of the product?

- A. The product URL key is generated automatically, so it cannot be changed.
- B. Use URL rewrite to map product id with the custom URL key.
- C. In the product admin form, under the Search Engine Optimization fieldset, the URL key can be set

**Correct Answer: C**

**Section:**

**Explanation:**

The URL key of a product is the text that is used to generate the product's URL. This text can be set by the merchant in the product admin form.

**QUESTION 55**

Which action, if any, should be taken to enable filtering by attribute in the category's layered navigation?

- A. Set the category's 'Anchor' display setting to 'yes'.



- B. Select 'With layered navigation' from the category's display mode
- C. Filtering by the attribute is enabled for every category automatically.

**Correct Answer: C**

**Section:**

**Explanation:**

**QUESTION 56**

Which type of product would assist a seller who would like to offer an electronic version of an album for sale and sell each song individually?

- A. Downloadable
- B. Simple
- C. Configurable

**Correct Answer: A**

**Section:**

**Explanation:**

A downloadable product is a product that can be downloaded by customers. This type of product is ideal for selling electronic versions of albums, books, or software.

**QUESTION 57**

Which price type should be used if the developer wants to provide a discount for a product based on quantity, for example, being able to buy two for X amount each?

- A. Tier Price
- B. Special Price
- C. Group Price

**Correct Answer: A**

**Section:**

**Explanation:**

Tier prices are used to provide discounts for products based on quantity. For example, you could set a tier price that allows customers to buy two products for X amount each.

**QUESTION 58**

Which type of product has the ability to build customizable products from a variety of options?

- A. Grouped
- B. Virtual
- C. Bundle

**Correct Answer: C**

**Section:**

**Explanation:**

A bundle product is a product that is made up of a collection of other products. This type of product is ideal for selling products that are often purchased together, such as a printer and ink cartridges.

**QUESTION 59**

What will happen if a developer fails to mention the start date in the 'From' field when creating a price rule?

- A. The price rule will not be saved.
- B. The price rule will go into effect as soon as it is saved
- C. The price rule will be saved, but it will not go into effect until the start date is added

**Correct Answer: C**

**Section:**

**Explanation:**

If a developer fails to mention the start date in the 'From' field when creating a price rule, the price rule will be saved. However, the price rule will not go into effect until the start date is added.

**QUESTION 60**

What is one way a developer can upgrade the ECE-Tools package on an Adobe Commerce Cloud project?

- A. Cloud CLI for Commerce tool
- B. Project Web Interface
- C. Composer

**Correct Answer: C**

**Section:**

**Explanation:**

According to the Adobe Commerce Developer Documentation, one way a developer can upgrade the ECE-Tools package on an Adobe Commerce Cloud project is by using Composer, which is a dependency management tool for PHP projects. The ECE-Tools package contains scripts and tools that help manage and deploy Adobe Commerce Cloud projects on the cloud infrastructure. To upgrade the ECE-Tools package using Composer, the developer needs to run the following command in the project root directory:

```
composer update magento/ece-tools --with-dependencies
```

**QUESTION 61**

What are the only writeable folders in the application root on a remote Adobe Commerce Cloud project?

A)

B)

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C)

- A. Option A
- B. Option B
- C. Option C

**Correct Answer: A**

**Section:**

**Explanation:**

**QUESTION 62**

Which two recommended practices would a developer use on an Adobe Commerce Cloud Enhanced Integration Environment to get the best performance? (Choose two.)

- A. Enable fastly CDN
- B. Restrict catalog size
- C. Disable cron and manually run as needed
- D. Remove all of the integration's inactive branches.

**Correct Answer: A, B**

**Section:**

**Explanation:**

Fastly CDN is a content delivery network that can help to improve the performance of an Adobe Commerce Cloud Enhanced Integration Environment by caching static content closer to the end user. Restricting the catalog size can also help to improve performance by reducing the amount of data that needs to be loaded from the database.

**QUESTION 63**

Which file on an Adobe Commerce Cloud project allows a developer to upgrade the PHP version and enable/disable a PHP extension?

- A. magento.app.yaal
- B. .magento.env.yaml
- C. php.ini

**Correct Answer: C**

**Section:**

**Explanation:**

The php.ini file is used to configure the PHP settings for an Adobe Commerce Cloud project. This file can be used to upgrade the PHP version and enable/disable PHP extensions.

**QUESTION 64**

A developer has informed the Adobe Support team about a planned traffic surge on an Adobe Commerce Cloud project that will take place in a little over 48 hours.

What is an advantage of this prior notice?

- A. When the traffic arrives, extra server resources will be available.
- B. The project will temporarily use an upgraded Fastly plan
- C. The Support team will monitor the website during that time

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**Correct Answer: B**

**Section:**

**Explanation:**

**QUESTION 65**

What is an advantage of the read-only core file system using Adobe Commerce Cloud?

- A. Ensures that all changes to the production environment are tracked.
- B. Improves website performance.
- C. Reduces the number of attackable surfaces significantly

**Correct Answer: C**

**Section:**

**Explanation:**

The read-only core file system in Adobe Commerce Cloud means that the core files of the Magento application cannot be modified. This significantly reduces the number of attackable surfaces on the website, making it more secure.

**QUESTION 66**

Which Cloud CLI for Commerce command can be used to quickly view a specific log file for an Adobe Commerce Cloud project?

- A. magento-cloud log
- B. magento-cloud logs:list
- C. magento-cloud logs:show

**Correct Answer: C**

**Section:**

**Explanation:**

The magento-cloud logs:show command can be used to quickly view a specific log file for an Adobe Commerce Cloud project. This command takes the name of the log file as an argument.

**QUESTION 67**

What folder would a developer place a custom patch on an Adobe Commerce Cloud project to have it automatically applied during the build phase?

- A. Add the patch file to the m2-hotfixes/ directory
- B. Add the patch file to the patches/ directory
- C. Add the patch file to the m2-patches/ directory

**Correct Answer: A**

**Section:**

**Explanation:**

**QUESTION 68**

What database engine is part of the infrastructure of Adobe Commerce Cloud projects?

- A. Percona
- B. MariaDB
- C. MySQL

**Correct Answer: B**

**Section:**

**Explanation:**

The database engine that is part of the infrastructure of Adobe Commerce Cloud projects is MariaDB. MariaDB is a fork of MySQL that offers improved performance, scalability, and security features.

**QUESTION 69**

How would a developer add a sensitive environment-specific configuration value on an Adobe Commerce Cloud project?

- A. Add sensitive Environment-specific variable in the Project Web Interface.
- B. Connect to the server using SSH and add the configuration in the app/etc/config.php file.
- C. Use the Cloud CLI for Commerce command Mgento-cloud config:set to add the configuration

**Correct Answer: C**

**Section:**

**Explanation:**

The magento-cloud config:set command can be used to add a sensitive environment-specific configuration value on an Adobe Commerce Cloud project. This command takes the name of the configuration variable, the value of the configuration variable, and the environment ID as arguments.

**QUESTION 70**

A developer wants to deploy a new release to the Adobe Commerce Cloud Staging environment, but first they need the latest code from Production.

What would the developer do to update the Staging environment?

- A. 1. Log in to the Project Web Interface. 2. Choose the Staging environment, and click Merge
- B. 1. Checkout to Production environment 2. Use the magento-cloud synchronize <environment-ID> Commerce CLI Command
- C. 1, Log in to the Project Web Interface. 2. Choose the Staging environment, and click Sync

**Correct Answer: B**

**Section:**

**Explanation:**

To update the Staging environment with the latest code from Production, you can use the following steps:

Checkout to the Production environment.

Use the magento-cloud synchronize <environment-ID> Commerce CLI Command to synchronize the Staging environment with the Production environment.

Note: You can find the environment ID in the Project Web Interface.

**QUESTION 71**

An Adobe Commerce Cloud developer wants to check the staging environment deployments history (i.e. branch, git, merge, sync). Where can the developer look up the history of the staging environment?

- A. Project Web Interface
- B. New Relic
- C. Adobe Commerce admin panel

**Correct Answer: A**

**Section:**

**Explanation:**

The Project Web Interface is the main dashboard for managing Adobe Commerce Cloud projects. This includes the ability to check the staging environment deployments history.

**QUESTION 72**

What action can be performed from the Cloud Project Portal (Onboarding UI) of an Adobe Commerce Cloud project?

- A. Set your developer SSH public key.
- B. Update Project and environment variables
- C. Add a Technical Admin

**Correct Answer: A**

**Section:**

**Explanation:**

**QUESTION 73**

Which log file would help a developer to investigate 503 errors caused by traffic or insufficient server resources on an Adobe Commerce Cloud project?

- A. mysql-slow.log
- B. access.log
- C. cloud.log

**Correct Answer: C**

**Section:**

**Explanation:**

**QUESTION 74**

On the Adobe Commerce Cloud Project Web Interface, what will be performed when clicking on the 'Delete' button of an integration environment?

- A. The environment is marked as 'inactive', the git branch is still present but the database is deleted.
- B. The environment is completely deleted. Including git branch and database.
- C. The environment is marked as 'inactive', the git branch and the database are still present.

**Correct Answer: A**

**Section:**

**Explanation:**

When you click on the 'Delete' button of an integration environment in the Project Web Interface, the environment is marked as 'inactive'. This means that the git branch for the environment is still present, but the database is deleted.

**QUESTION 75**

How would a developer access RabbitMQ data on an Adobe Commerce Cloud Production environment?

- A. Using Project Web Interface
- B. Using local port forwarding
- C. Using RabbitMyAdmin

**Correct Answer: B**

**Section:**

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**Explanation:**

To access RabbitMQ data on an Adobe Commerce Cloud Production environment, you can use local port forwarding. This allows you to forward a port on your local machine to a port on the Production environment. This way, you can connect to RabbitMQ from your local machine.

**QUESTION 76**

A developer is tasked with creating a new feature in an Adobe Commerce Cloud project. The developer decides to create an integration environment for a better development process.

Which Cloud CLI for Commerce command would the developer use?

- A. `magento-cloud environment:branch <environment-name>`
- B. `magento-cloud create:environment-branch <environment-name>`
- C. `magento-cloud environment:create:branch environment-name >`

**Correct Answer: A****Section:****Explanation:**

The Cloud CLI for Commerce command that a developer would use to create an integration environment for a better development process is `magento-cloud environment:branch <environment-name>`. This command creates a new branch in the Git repository and a new environment in the Cloud project, using the specified parent environment as a base. The new environment inherits the code, data, and media files from the parent environment.

**QUESTION 77**

How would a developer access RabbitMQ data on an Adobe Commerce Cloud Production environment?

- A. Using Project Web Interface
- B. Using local port forwarding
- C. Using RabbitMyAdmin

**Correct Answer: B****Section:****Explanation:**

The way a developer would access RabbitMQ data on an Adobe Commerce Cloud Production environment is by using local port forwarding. This method allows the developer to connect to the RabbitMQ service instance through an SSH tunnel and access the RabbitMQ Management UI from a web browser. The developer needs to use the `magento-cloud ssh` command to establish the SSH connection and the `$MAGENTO_CLOUD_RELATIONSHIPS` variable to retrieve the RabbitMQ connection details and login credentials.

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