

**Adobe**

**AD0-E711**

## **Adobe Commerce Developer Professional**

**Version: 3.0**

**[ Total Questions: 60]**

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**Question #:1**

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

**Answer: A**

**Question #:2**

A merchant sells products in Euro currency. The merchant wants to show prices in other currencies. What is the scope of the default display currency?

- A. Global
- B. Website
- C. Store view

**Answer: C**

**Question #:3**

Which index mode is valid?

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

**Answer: C**

**Question #:4**

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

- A. Enable custom roles In the store configuration, and assign admin user ID(s).
- B. Create a new user role with custom defined resources, and assign It to the admin user.

C. This action cannot be taken since all admin users must have full access.

**Answer: B**

#### Question #:5

How should a developer associate a resource model inherited from the \Magento\Framework\Model\ResourceModel\Db\AbstractDb class with a corresponding table in the database?

- A. Pass the table name to the "table" property.
- B. Pass the table name to the "\_init" method.
- C. Specify the table name in the Ob\_schema.xml file

**Answer: B**

#### Question #:6

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

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

**Answer: A**

#### Question #:7

How should a CMS page only be made available for specific websites/store views?

- A. In the CMS Page admin form, select desired website/store view in the store view list under the "Page in websites" fieldset.
- B. In the store configuration, add the Id of each page that needs to be displayed in a different scope than global.
- C. In the CMS page admin grid, select desired pages, and update the scope using the mass action.

**Answer: B**

#### Question #:8

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

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

**Answer: C**

#### Question #:9

Which feature should be used to display content for a particular segment based on a price rule?

- A. Static block
- B. Dynamic area
- C. Dynamic Block

**Answer: A**

#### Question #:10

A developer detected that a piece of functionality implemented in a third-party module's plugin can be omitted. So, the developer decides to deactivate the plugin. How can a developer take this action?

- A. The only way to deactivate a plugin is to remove it from di.xml file in the module where it was defined.

The plugin can be deactivated in di.xml in a custom module using:

- B. `<plugin name="pluginName" disabled="true">`
- C. The plugin can be deactivated in di.xml in a custom module using the code:

`<remove name="pluginName" />`

**Answer: B**

#### Question #:11

Which type of product is typically used for items such as services, memberships, warranties, and subscriptions?

- A. Simple
- B. Configurable
- C. Virtual

**Answer: C**

**Question #:12**

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

A)

```
<block class="Magento\Cms\Block\Block" name="block_identifier">
<action method="setBlock">my_cms_block_identifier</action>
</block>
```

B)

```
<referenceBlock name="content">
<block class="Magento\Cms\Block\Block" name="block_identifier" identifier="my_cms_block_identifier" />
</referenceBlock>

<block class="Magento\Cms\Block\Block" name="block_identifier">
<arguments>
```

C)

```
<argument name="block_id" xsi:type="string">my_cms_block_identifier</argument>
</arguments>
</block>
```

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

**Answer: C**

**Question #:13**

Which method type can be intercepted by plugins?

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

**Answer: B**

**Question #:14**

What is the purpose of a URL Rewrite?

- A. It is used to save URLs in the database for cache cleaning.
- B. It helps URLs Become more friendly for customers and search engines.
- C. It disables URLs that authenticate the user automatically.

**Answer: B**

#### Question #:15

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

- A. bin/magento module:status
- B. bin/megento module:all
- C. bin/magento modulershow

**Answer: A**

#### Question #:16

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

- A. soft: {  
  
}  
  
"optional":{
- B. }  
  
"Suggest": {
- C. }

**Answer: C**

#### Question #:17

A developer wants to implement integration of a new payment method that should be available for order creation from the admin panel. Which flag should be used?

- A. can\_use\_internal
- B. can\_use\_checkout
- C. can\_use\_admin

**Answer: A**

**Question #:18**

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

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

**Answer: B**

**Question #:19**

A developer has been tasked to create a new controller for custom functionality. Only GET HTTP requests must be allowed. What must be done so the controller processes only GET requests?

- A. Use the REQUEST class constant to specify the request.
- B. Ensure the controller class Implements Magento\Framework\App\Action\HttpGetAction Interface.
- C. Ensure the controller extends the Magento\Framework\App\Action\AbstractGetController.

**Answer: B**

**Question #:20**

A developer needs to add additional validation that would be triggered before order placement and decides to use checkout\_index\_index.xml to declare a custom validation is component. Which checkout step in checkout\_index\_index.xml is used to complete this task?

- A. <item name-"payment step" />
- B. <item name: "review-step" />
- C. <item name="billing step"/>

**Answer: A**

**Question #:21**



What is the length of the generated coupons if the developer has enabled the Auto Generate Coupon feature and has set the coupon prefix = NEWYEAR, coupon quantity = 5, and coupon length = 12?

- A. 19
- B. 12
- C. 17

**Answer: B**

#### Question #:22

A developer wants to rename a column in a custom module, so both columns were added to db Which additional action, if any. is needed to migrate data between the two columns?

- A. No additional action will be needed since the data is migrated automatically.
- B. Add onCreate="migrateDataFrom(old\_column\_name)" in the column definition in db\_schema.xml.
- C. Add 'old' attribute with the previous name of the column in the db\_schema.xml.

**Answer: B**

#### Question #:23

A JavaScript library, made by a front-end developer, needs to be connected to a single custom page. A method (from this library must also be called to initialize it. The decision is made to add this JavaScript snippet directly to the PHTML page template.

Which function should be used to complete this task?

- A. Use the "require" function. because it is used to run the code immediately.
- B. Use a Text/x-magento-init" script block, and then put the initialization JavaScript snippet into It.
- C. Use the "define" function, because it is used to define modules for further usage.

**Answer: B**

#### Question #:24

A developer needs to configure a page to use the single-column layout. Which XML code performs this task?

- A. <action method="set template"><template>page/1 column.phtml</template></action>
- B. <action method="set Template">page/1 column.phlml</action>
- C. <action method="setTemplate"><page>1cournn.phtml</page></action>

**Answer: A**

**Question #:25**

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

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

**Answer: A**

**Question #:26**

Which Adobe Commerce table stores all cron data?

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

**Answer: B**

**Question #:27**

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 "delete" method on this model object
- C. Call the "remove" method on this model object

**Answer: B**

**Question #:28**

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

- A. \$.trans( '<string>' )
- B. \$.image.\_C<string>');
- C. translate('<string>');

```
define (( 'jquery1,
```

```
D. 'mage/Translate' 1, function ($, $t) {...});
```

**Answer: B D**

#### Question #:29

How can a developer turn off all store view options and scope indicators for a single-store installation?

- A. Remove all websites, stores, and store views.
- B. Change the application mode to "production".
- C. Set the 'Enable Single-Store Mode' configuration setting to "Yes".

**Answer: C**

#### Question #:30

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. Group Price
- C. Special Price

**Answer: B**

#### Question #:31

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\_pfoduct\_view\_type\_downloadable
- B. catalog\_product\_vlew\_calegory
- C. catalog\_product\_view\_type\_configu rable

**Answer: A**

#### Question #:32

Which command should be used to deploy static content?

- A. set up:static-content :deploy

- B. start:static-resources:deploy
- C. startstatic-content:deploy

**Answer: A**

#### Question #:33

Which layout file should be used for a product with a specific id?

- A. catalog\_product\_view\_{id}. xmi
- B. catalog\_product\_view\_id\_{id}.xml
- C. catalog\_product\_view\_Type\_{type}id.{id}.xml

**Answer: C**

#### Question #:34

Which directory contains language packages?

- A. i18n
- B. phrases
- C. translations

**Answer: A**

#### Question #:35

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

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

**Answer: B**

#### Question #:36

Which type of product has the ability to have individual inventory for each variation from a list of options?

- A. Kit
- B. Simple
- C. Configurable

**Answer: C**

#### Question #:37

Which CLI command is used to clear caches?

- A. bin/magento cache:remove
- B. bin/magento cache:reset
- C. bin/magento cache:flush

**Answer: C**

#### Question #:38

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/Checkout/Index.php
- C. Controller/Index/Checkout.php

**Answer: C**

#### Question #:39

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

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

**Answer: A**

#### Question #:40

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 columns should have "removable" attribute set to "true" in the db\_schema.xml.
- B. The removable columns should be defined In db\_schema\_whitelist.Json.
- C. The removable columns should be defined in db\_schema\_blacklist Json.

**Answer: A**

#### Question #:41

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

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

**Answer: A**

#### Question #:42

Which attribute option enables Adobe Commerce to distinguish between built-in attributes and the attributes created by the developer?

- A. custom
- B. user\_defined
- C. system

**Answer: A**

#### Question #:43

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

**Answer: B****Question #:44**

A merchant is running an Adobe Commerce store, and there are two active store views for the English and German languages. A developer is creating an attribute programmatically and needs to make sure the attribute can have value for both store views.

Which value must the attribute property "global" have to complete this task?

- A. Website
- B. Store
- C. Global

**Answer: C****Question #:45**

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

**Answer: B****Question #:46**

A developer needs to initialize the jQuery UI widget for a specific HTML tag.

Which HTML attribute is used for this?

- A. data-mage-init
- B. x-magento-init
- C. data-ul

**Answer: B****Question #:47**

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

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

`q <uiComponentname-'Vendor_Module::ui_component/example_listing.xml' />`

`</referenceContainer>`

B. `<referenceContainer name="content" >`

`q <uiComponent name='example_listing.xml' />`

`</referenceContainer>`

C. `<referenceContainername='content'>`

`<uiComponent name='example_listing' />`

`</referenceContainer>`

**Answer: B**

#### Question #:48

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

A. Based on the types 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 sizes of values they contain

**Answer: A**

#### Question #:49

Which tag should be used in module.xml to ensure dependency modules are loaded in the proper order?

A. `<sequence></sequence>`

B. `<flow></flow>`

C. `<order></order>`

**Answer: A**

#### Question #:50

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



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

**Answer: C D**

#### Question #:51

Which attribute input type should a developer use for a boolean?

- A. True/False
- B. Text Swatch
- C. Yes/No

**Answer: A**

#### Question #:52

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

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

**Answer: B D**

#### Question #:53

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)

```
...  
<item name="telephone" xsi:type="array">  
<item name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</item>  
</item>  
...
```

B)

```
...  
<block name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</block>  
...
```

C)

```
...  
<item name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</item>  
...
```

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

**Answer: A**

#### Question #:54

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

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

**Answer: B C**

#### Question #:55

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

- A. Magento\_Quote/js/model/model
- B. Magento\_Checkout/Js/model/quote
- C. Magento\_Checkout/Js/model/quote shipping-address

**Answer: C**

Question #:56

A developer is working with a less file in a custom module. The file needs to include multiple less files (from different locations). Which directive should the developer use?

- A. @magento\_\_import
- B. @import
- C. @Import\_all

**Answer: B**

Question #:57

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. Create view/adminhtml/ui\_component/category\_form.xml file in the module, and then define the field for the attribute.
- C. The field for the attribute will appear automatically.

**Answer: B**

Question #:58

What is one purpose of a customer data JS library?

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

**Answer: C**

**Question #59**

What is the default store ID for the admin panel?

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

**Answer: C**

**Question #60**

Which feature should a developer enable if a B2B buyer wants to negotiate the product price from a shopping cart?

- A. B2B Quote
- B. B2B Bid
- C. B2B Propose price

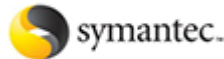
**Answer: A**

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