Magento 2 Associated developer certification exam sample questions

(1) You are building a new module and need to add a new CMS block to the database. Keeping ease of installation in mind, how do you create this block?

    A. Create Setup/UpgradeData.php and add the block in the upgrade() method.

    B. Create a new migration in migrations and add the block in the execute() method

    C. Instruct the end user to manually create the block in the Magento admin.

    D. Create an observer for the setup_execute event and add the block.

(2) As you are scanning folder in the vendor/module-catalog directory, you see a directory that is named Ui. What is this folder's purpose?

    A. It contains the block PHP files that render HTML onto the frontend

    B. It contains templates, CSS and JS pertinent to the module.

    C. It contains UI component data providers and component information.

    D. It is not a normal folder and further investigation is necessary to determine the purpose.

(3) You are asked to allow multiple shipping addresses for customers in a specific customer group. How do you do this?

    A. Store > Configuration > Customer > Enable multiple shipping addresses

    B. Admin > Customers > Customer Groups > Enable multiple shipping addresses

    C. This is already available and is always enabled

    D. This is custom functionality and can only be had with modifications

(4) How do you instruct Magento to enable a new module?

    A. Magento automatically enables all new modules.

    B. Go to Admin > System > Module Management.

    C. bin/magento module:enable MyCompany_MyModule

    D. Add MyCompany_MyModule to the setup_module table

(5) You are building a multi-lingual theme. The primary language is English, with a German translation. In the theme, you created etc/translate/de_DE.csv with the contents: "Price","Preis". However, this word is not translated. How do you fix it?

    A. The translation has an incorrect delimiter. It should be a colon (":").

    B. The location of de_DE.csv is incorrect. It needs to be i18n/de_DE.csv.

    C. The translation hasn't been built in the Magento CLI.

    D. The theme needs to be configured as multi-lingual in etc/view.xml

(6) You need to add the Google Tag Manager (GTM) to every page. What three steps do you take to accomplish this in MyCompany_MyModule?

A. Copy vendor/module-catalog/view/template/script.phtml to view/template/script.phtml and add GTM script.

B. Add into view/frontend/layout/default.xml.

C. Create view/frontend/layout/default.xml.

D. Create view/frontend/templates/script.phtml and add GTM code.

E. Run bin/magento create:module:template script.phtml

(7) You need to control access to a custom controller action. How do you tell Magento about this new control option?

A. Use the CLI to add the new resource option.

B. Create etc/acl.xml and add

C. Create etc/adminhtml/acl.xml and add

D. In the controller, implement the _isAllowed method

(8) You are trying to determine why a product is not appearing in a category. What table does Magento on the frontend to locate the relationship between a category and its products?

A. catalog_category_product_index

B. catalog_product_parent

C. catalog_category_product

D. catalog_category_product_relationship

(9) You have created a router in MyCompany/MyModule/etc/adminhtml/router.xml (see code below). The URL you need to handle is: /admin_dev/functionality/product/.

What controller action file path do you create?

```
<route id="mymodule" frontName="functionality">
  <module name="MyCompany_MyModule" before="Magento_Backend" />
</route>.
```

A. Controller/Product/Index.php

B. Controller/Product.php

C. Controller/Functionality/Product/Index.php

D. Controller/Adminhtml/Product/Index.php

(10) A merchant has sells a style of pants that has different colors and sizes. These items are manufactured and then stocked in the warehouse before shipment. What product type should they use for this product?

A. A custom product type

B. Configurable

C. Category with a simple product for each variation

D. Bundle

(11) In building a new Magento module, you need to add a menu option so that admin users can browse to the new functionality. The menu item needs to appear in the Catalog menu. What is the correct configuration to accomplish this?

A. In etc/adminhtml/menu.xml,
\<menu\>\<add id="MyCompany_MyModule::functionality"
parent="Magento_Catalog::catalog" ... /\>\</menu\>

B. In etc/adminhtml/resource.xml,
\<resource\>\<menu\>\<reference id="Magento_Catalog"\>\<item id="MyCompany_MyModule" ...
/\>\</reference\>\</menu\>\</resource\>

C. In etc/admin_menu.xml,
\<add id="MyCompany_MyModule::functionality" under="Magento_Catalog::catalog" ... /\>

D. In etc/menu.xml,
\<menu\>\<reference id="Magento_Catalog::catalog"\>\<item
id="MyCompany_MyModule::functionality" ... /\>\</reference\>\</menu\>

(12) You are troubleshooting a URL rewrite with these parameters:
Request Path: my-old-product.html
Target Path: my-correct-url.html
Redirect Type: Rewrite.
The problem is that the new page displays at the old URL.
Keeping simplicity in mind, how do you fix this?

A. Add the redirect to the .htaccess file.
B. Change the Redirect Type to be 301 (permanent).
C. Create a custom module to handle the redirect.
D. Change the Target Path to be a controller action URL, such as cms/page/view/id/1

(13) In building MyCompany_MyModule, you need to create a new tab in a customer's account area. How do you do this?

A. Add a SortLinkInterface block to view/frontend/layout/customer_account.xml

B. Override the Magento_Customer::account/sidebar.phtml and add the new menu item.
C. Use a node to configure the account UI component in
view/frontend/ui_component/customer_account.xml
D. Create an observer for the collect_customer_account_links event.

(14) When a customer adds a configurable product to the shopping cart, how many rows are created in the quote_item table?

    A. **2: one for the configurable product and one for the child product**

    B. 1: representing the configurable product

    C. 1: representing the child product

    D. 3: one for the configurable product, one to link the configurable and the child, and one for the child product

(15) You have been given a .zip file containing the MyCompany_MyModule to be installed. Where do you put the contents of the .zip file?

    A. **app/code**

    B. /vendor

    C. /app/code/components

    D. /app/modules