

Magento

MAGENTO-2-CERTIFIED-ASSOCIATE-DEVELOPER Exam

Magento 2 Certified Associate Developer Exam

**Questions & Answers
Demo**

Version: 8.0

Question: 1

While reviewing a layout file named sales_order_view.xml you notice the element

```
<update handle="customer_account"/>
```

What is the purpose of this element?

- A. Replaces the customer_account handle with sales_order_view
- B. Nothing, this element has been deprecated
- C. Adds the customer_account handle to the page's handles list
- D. Updates the current page handle to customer_account

Answer: D

Question: 2

You have to install a new module on the production environment. All the module is adding a new product attribute. You enabled maintenance mode, copied the module code, run bin/magento setup:upgrade and disabled maintenance mode.

What two risks does this process pose? (Choose two.)

- A. It will clean all caches which will cause a performance degradation
- B. The new attribute will be invisible on the storefront until the cache is cleaned manually
- C. It will void all active sessions
- D. It will clean static assets from the pub/static folder

Answer: B,C

Question: 3

Magento 2's architecture uses code to bootstrap a custom module that resides in app/code.

What two files are required to make a module usable? (Choose two.)

- A. Helper/Data.php
- B. etc/config.xml
- C. etc/module.xml
- D. registration.php

Answer: C,D

Question: 4

How does Magento store customer address attribute values?

- A. Customer address is a flat entity, so all values are stored in the customer_address_entity table
- B. Customer address is not an entity, so its properties are customer attributes
- C. Customer address is an attribute of the customer, so it doesn't have its own attributes
- D. Customer address is an EAV entity, so all values are stored in the customer_address_entity table and related values tables

Answer: D

Question: 5

You are developing a module and need to add another column to a table introduced by another module MyCompany_MyModule via db schema.

How do you do that?

- A. Create a etc/db_schema.xml file in your module, add the column and run bin/magento setup:upgrade
- B. Create a etc/db.xml file in your module, add the column and run bin/magento setup:db-schema:upgrade
- C. Run a command: bin/magento setup:db-schema:upgrade <table> <column definition>
- D. Create a etc/db_schema_whitelist.json file in your module, add the column and run bin/magento setup:upgrade

Answer: C

Question: 6

You need to add a new text attribute to all products in the Magento store. When this attribute is displayed on the product page, its values must be different depending on the selected language.

Keeping simplicity in mind, how do you add this attribute?

- A. Use the Magento CLI to create a new custom attribute, then generate dictionaries for all supported languages
- B. Use a Data Patch to create a new EAV attribute
- C. Add a new column to the catalog_product_entity table using declarative schema
- D. Use the admin panel to create a new extension attribute

Answer: D

Question: 7

A third-party module uses a layout update that changes the template path for a core block from

product/view/addto/compare.phtml of the Magento_Catalog module to custom/view/addto/compare.phtml of your custom module. The merchant has a customized version of this template in their custom theme.

What is a consequence of this setup?

- A. If the custom module is removed, the custom template will no longer apply
- B. This setup will throw an `IllegalStateException`
- C. If a preference for the core block is set, the template will no longer apply
- D. If another module is installed which also customizes the same core template, the templates will be rendered sequentially

Answer: A

Question: 8

You are adding a child node to the `product.info` block using the XML:

```
<referenceBlock name="product.info">
  <block class="MyCompany\MyModule\Block\Custom"
    name="myblock"
    as="mynewblock"
    template="custom.phtml"/>
</referenceBlock>
```

How will this block be rendered?

- A. Child block nodes are automatically rendered as HTML
- B. By calling `$block->getChildHtml('mynewblock')` in the parent block's template
- C. The layout is invalid since block elements cannot be nested
- D. Automatically if the block class `Custom` implements the `_toHtml` method

Answer: B

Question: 9

You are implementing a before plugin in `MyCompany_Magic`. It will intercept the same method that `MyCompany_Admission` is already intercepting using a before plugin: `Topmenu::getBlockHtml`. Which two actions are required to ensure the new plugin will execute last? (Choose two.)

- A. Include a `sortOrder="20"` on the new plugin in `MyCompany_Magic's etc/di.xml` file
- B. Configure plugin sequencing for both plugins in `MyCompany_Magic's etc/plugin_sequence.xml` file
- C. Set a `sortOrder="10"` for `MyCompany_Admission's` plugin in `MyCompany_Magic's etc/di.xml`
- D. Add `MyCompany_Admission` as a dependency in `MyCompany_Magic's etc/module.xml` file

Answer: C,D

Question: 10

During a code review of a module `MyCompany_PaymentCurrencies` you see a configuration field declared in the file `etc/adminhtml/system.xml`:

```
<field id="currency" type="select" showInDefault="1" showInWebsite="1" showInStore="0">  
    ...  
</field>
```

What is the consequence of the attribute `showInStore` being set to 0?

- A. The field value will not be accessible on the store front by calling `ScopeConfigInterface::getValue()` with a `$scopeType` argument of 'store'.
- B. The input field will not be visible if a store view scope is selected in the system configuration
- C. The input field will only be visible if a website's default store scope is selected in the system configuration
- D. The input field will be disabled if a store view scope is selected in the system configuration

Answer: B
