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Exam : AD0-E724

**Title : Adobe Commerce
Developer Professional**

Version : DEMO

1.A developer needs to run a piece of custom logic, such as sending a notification to an external system, every time a customer successfully places an order. The custom logic does not need to modify the order object itself.

What is the most appropriate and conventional Adobe Commerce component to use for this task?

- A. A preference for the ``\Magento\Sales\Model\Order`` class.
- B. An observer for the ``checkout_onepage_controller_success_action`` or ``sales_order_place_after`` event.
- C. An "around" plugin on the ``\Magento\Quote\Model\QuoteManagement::placeOrder`` method.
- D. A cron job that checks for new orders every minute.

Answer: B

2.A developer is building a new Admin page using the UI Component framework.

In which file is the data source for an Admin grid or form component typically defined, specifying the provider class that will supply the data?

- A. The ``menu.xml`` file
- B. The component's ``.js`` file
- C. The UI Component's XML declaration file (e.g., ``my_grid.xml``)
- D. The ``di.xml`` file for the module

Answer: C

3.Which directory is part of the core component file structure in Adobe Commerce module development?

- A. ``vendor/magento``
- B. ``app/code``
- C. ``pub/static``
- D. All of the above

Answer: D

4.How does the event/observer mechanism in Adobe Commerce function?

- A. It is based on the singleton pattern, where only one observer can exist for any given event.
- B. It is based on the factory design pattern, where an event factory creates observer objects.
- C. It is based on the dependency injection pattern, where events are injected directly into observer constructors.
- D. It is based on the publish-subscribe pattern, where code dispatches an event and any number of observers can listen and react to it.

Answer: D

5.The Admin UI SDK is an out-of-process extension framework.

What is the role of the ``CommerceBackendUix`` PHP module in this architecture?

- A. It provides the database connection for the external React application.
- B. It is a JavaScript library that replaces the need for the UI Component framework.
- C. It contains the React code that renders the custom Admin content.
- D. It acts as a bridge to allow the external extension to register its menus and pages within the Admin panel.

Answer: D

