**Vendor:** Adobe

**Exam Code:** AD0-E724

**Exam Name:** Adobe Commerce Developer Professional

**Version:** DEMO

**QUESTION 1**
A developer has created the backend models for a new payment method. To make this method appear as an option on the checkout page, it must be declared to the system. Which XML file is specifically used to register new payment methods and their corresponding models?

A. 'etc/frontend/di.xml'
B. 'etc/payment.xml'
C. 'etc/sales.xml'
D. 'etc/config.xml'

**Answer:** B

**QUESTION 2**
When programmatically creating a new entity type, a developer uses the repository pattern for data management.
Which of the following are key benefits of using the Service Contract and repository pattern for entity manipulation? (Select all that apply.)

A. It promotes loose coupling, making the module more robust against core upgrades.
B. It automatically generates REST and SOAP API endpoints for the entity.
C. It bypasses all plugin and observer logic for faster execution.
D. It allows direct write access to replica database connections for better performance.
E. It abstracts the underlying data persistence logic, like EAV or flat tables.

**Answer:** ABE

**QUESTION 3**
Which 'magento-cloud' CLI command would a developer use to get a list of all active and inactive environments in their cloud project?

A. 'magento-cloud env:status --all'
B. 'magento-cloud project:environments'
C. 'magento-cloud branch:list'
D. 'magento-cloud environment:list'

**Answer:** D

**QUESTION 4**
A developer needs to troubleshoot an issue on a remote cloud integration environment. They need to run 'bin/magento' commands and check log files directly on the server. Which Cloud CLI command should they use to connect to the remote environment's application container?

A. 'magento-cloud connect <environment_id>'
B. 'magento-cloud login'
C. 'magento-cloud environment:access'
D. 'magento-cloud ssh'

**Answer:** D

**QUESTION 5**
A developer is trying to understand the different ways to extend the Admin panel. The current task is to add a new top-level menu item and a simple page that displays a grid of custom data.
What is the traditional, in-process framework used for building most of the existing Adobe Commerce Admin panel, involving XML layouts and UI Components?

A. A headless React application
B. The UI Component framework
C. The Web API framework
D. The Admin UI SDK

**Answer:** B

**QUESTION 6**
What is the officially recommended method to integrate Adobe Commerce with a third-party ERP system?

A. Direct database connection
B. Use REST/SOAP APIs
C. Implement service mesh integration via API Mesh
D. Rely on hardcoded third-party middleware

**Answer:** C

**QUESTION 7**
A developer is investigating why a newly created product is not appearing for customers using the SaaS-powered Live Search. The developer has confirmed that the Partial Sync cron job has run successfully since the product was created.
Which other SaaS data feeds are essential for the new product to be correctly processed and displayed by the Live Search service? (Select all that apply.)

A. Scopes feed
B. Sales Order feed
C. Admin user feed
D. Customer data feed
E. Catalog entity feeds

**Answer:** AE

**QUESTION 8**
When is it appropriate to use a "preference" in 'di.xml' instead of a plugin?

A. When you need to add code that executes after any product is saved.
B. When you need to modify the return value of a protected method.
C. When you need to modify the arguments of a public method.
D. When you need to completely replace an implementation of a class or interface for all subsequent requests.

**Answer:** D

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