Your average score is 43.0 / 51

1. Question
A merchant is using specific Product Recommendations for multiple store views on the project: Default, StoreView1, and StoreView2. They now want to add an existing recommendation unit from the StoreView2 to a Category list page using a CMS block. When they use the Product Recommendation placeholder from the Page Builder functionality, they only see recommendations from the Default scope.

What can be done to aid this problem?

Your Response

☐ Use Product Relationships over Product Recommendations

☑ Use a recommendation unit for the Category page type over the Page Builder

☐ Use recommendation units for the Page Builder page type only in the default store view

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

2. Question
An eCommerce store wants to leverage customer data to provide personalized experiences and targeted marketing campaigns. What should an Adobe Commerce architect recommend for implementing personalization features to enhance customer engagement?

Your Response

☐ Implement dynamic content rendering to display relevant content based on user preferences

☐ Personalize email marketing campaigns based on customer behavior and purchase history

☑ Utilize customer data to create personalized product recommendations

☐ Employ geo-targeting to deliver localized content and overtax to customers based on their location

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

3. Question
A client wants to integrate their Adobe Commerce store with an external ERP system for real-time inventory updates. Which option would be most efficient for this integration?

Your Response

☐ Inventory source API and pre-built ERP connectors

☐ Webhooks and custom data synchronization scripts

☑ Magento Inventory Management API and custom middleware

☐ CSV import/export and scheduled data feeds

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

4. Question
A multi-lingual website needs to import product information from PIM. The backend admin needs to configure options for API input limiting. On whi
configuration scope should the admin perform this action?

Your Response

☑ Values can be configured at all config scopes.

☐ Values can be configured only globally scope.

☐ Values can be configured only in website and globally scope.

☐ Values can be configured only per website scope.

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

5. Question
A client has a B2B website and has a requirement for products source selection based on the client's warehouse location. The Adobe Commerce
noticed that the requirement cannot be fulfilled by the out-of-box source selection algorithms. Which interface should they implement to develop a
Source Selection Algorithm (SSA)?

Your Response	Correct Response	Feedback
☑ Implement SourceSelectionAlgorithmInterface	☐	
☐ Implement SourceSelectionServiceInterface	☐	
☐ Implement SourceSelectionInterface	☑	

Score
0%

Feedback

HIDE CORRECT ANSWER HIDE FEEDBACK

6. Question
You want to change the increment ID for a Commerce database (DB) entity, such as an order, invoice, or credit memo. What is the correct ALTER
SQL statement?

Your Response

☐ ALTER TABLE sequence_{entity_type}_{website_id} AUTO_INCREMENT = {new_increment_value};

☑ ALTER TABLE sequence_{entity_type}_{store_id} AUTO_INCREMENT = {new_increment_value};

☐ ALTER TABLE sequence-{entity_type}-{store_id} AUTO_INCREMENT = {new_increment_value};

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

7. Question
The client's business requires efficient handling of high website traffic, seamless integration with third-party payment gateways, and personalized
experiences.

Which solution would the Adobe Commerce Architect recommend to meet these requirements?

Your Response

☐ Placing a primary focus on visual attractiveness of the interface, even if it contradicts business needs

☐ Using the maximum number of extensions and modules to enrich functionality

☑ Analyzing and understanding unique business requirements to develop the most suitable and efficient solutions

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

8. Question
An Architect needs to create a new product type based on business requirements, which can have a custom pricing logic. How can these be achie

Your Response

☐ New Data patch for the new product type

☐ A new class with custom pricing logic, extending abstract Product Model class

☑ etc/product_types.xml needs to be created with new Price model that extends \Magento\Catalog\Product\Type\Price

☐ Hydrator for attributes for the new Product Type

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

9. Question
What is the role of the Magento configuration areas?

Your Response

☐ Areas define the division into physical segments of the server for more efficient request processing

☐ Areas represent different sections of the user interface, such as header, sidebar, and content

☑ Areas organize code for optimized request processing

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

10. Question
An Adobe Commerce Architect needs to modify each URL generated by an instance of Magento\Framework\Url class.

What is the recommended way of completing this task?

Your Response

☐ Directly modify the core Magento\Framework\Url class to incorporate the necessary modifications into the URL generation process

☐ Implement a custom URL generation class by extending Magento\Framework\Url and override the necessary methods to apply the desired modifications

☑ Implement a custom Plugin for Magento\Framework\Url and apply the desired modifications in the `afterGetUrl` method

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

11. Question
An Architect wants to create a new configuration type in Magento.

Which two steps are necessary to complete this successfully? (Choose two.)

Your Response

☑ Create a loader for the new configuration type

☐ Create a new module and include required settings in `config.xml`

☐ Create an XML specification using `DOMDocument` and save it in the appropriate directory

☑ Define the XSD schema and generate the XML file with the appropriate structure

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

12. Question
A developer needs to iterate over a collection of entities called ItemCollection in a custom class of a module.

What is the recommended way to create an instance of the ItemCollection?

Your Response

☑ Inject the ItemCollectionFactory dependency and use it to create the instance

☐ Create an ItemCollectionFactory first and then use it to create the instance

☐ Use the "new" keyword to create the instance

☐ Use the ObjectManager to create the instance

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

13. Question
A developer created a functionality that replaces the visitor_clean cron job. Which code snippet can be used to disable the cron job?

Your Response

☐
```
....
<group id="default">
<job name="visitor_clean" instance="Magento\Customer\Model\Visitor" method="clean" disabled>
<schedule>* * * * *</schedule>
</job>
</group>
....
```

☑
```
....
<group id="default">
<job name="visitor_clean" instance="Magento\Customer\Model\Visitor" method="clean">
<schedule>0 0 30 2 *</schedule>
</job>
</group>
....
```

☐
```
....
<group id="default">
<job name="visitor_clean" instance="Magento\Customer\Model\Visitor" method="clean" disabled="true">
<schedule>0 0 * * *</schedule>
</job>
</group>
....
```

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

14. Question
A Commerce architect wants to build a custom command. This will add a new command to CLI based on passing on the argument from the XML l
class using etc/di.xml file with the following content: <type name="---------------------"> </type>

Which one should be used?

Your Response

☐ Magento\Framework\CommandList\Console

☑ Magento\Framework\Console\CommandList

☐ Magento\Framework\CommandList

☐ Magento\Framework\Console

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

15. Question
An external integration is using a GraphQl API to communicate with an Adobe Commerce application. The application is configured to use the Fas
service.

Which header should be handled by Fastly VCL so that the GraphQl request can be cached?

Your Response

☐ X-Magento-Vary

☑ X-Magento-Cache-Id

☐ Authorization Bearer

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

16. Question
In Adobe Commerce, how are layout handles used to modify the layout of a page?

Your Response

☑ Layout handles are processed during page rendering to generate the final HTML

☐ Layout handles are applied directly to the page template

☐ Layout handles are assigned directly to CMS pages

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

17. Question
An Adobe Commerce Developer is tasked with optimizing Magento product page performance. The server resources are already optimized, and c
mechanisms are in place.

What are the recommended ways to optimize the page performance leveraging? (Choose two.)

Your Response

☑ Minimize the usage of JavaScript and CSS files to decrease the number of HTTP requests

☐ Apply Full Page Cache (FPC) to store pre-rendered product pages to improve loading speed

☐ Consider implementing Content Delivery Network (CDN) to distribute content across multiple servers

☑ Utilize image compression and lazy loading to reduce the page load time

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

18. Question
As part of a project's demands, you are tasked with setting up a new integration to allow third-party services to utilize the Adobe Commerce and M
Open Source web APIs.

Which configuration file should be created within the module to define the API resources accessible by the integration?

Your Response

☐ etc/acl.xml

☐ etc/integration.xml

☐ etc/api.xml

☑ etc/integration/api.xml

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

19. Question
A client gave an Adobe Commerce architect a list of the company's previous users whose accounts are no longer required to be kept on the comp
site. The architect removed those accounts.

Which two changes would happen after deleting those accounts? (Choose two.)

Your Response

☐ The system will remove the deleted users' sales order quotes.

☑ If the specified company user has child users, the system re-assigns the child users to the parent of the deleted user.

☑ The system locks the deleted users' sales order quotes and changes their status to Closed.

☐ If the specified company user has child users, the system re-assigns the child users to the Admin user.

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

20. Question
A client has a requirement to create an additional regional website in the UK, with the currency in GBP. There is an existing US website with the de
currency in USD.

After the store launch of the new UK website, the administrator noticed the Sales Total Report is showing 0.00.

How can an Adobe Commerce Architect resolve this issue?

Your Response

☑ Configure currency rates for GBP and USD

☐ Refresh Statistics for Total Invoice

☐ Confirm all Orders are Shipped

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

21. Question
There is a custom contact form in the storefront that contains CAPTCHA/reCAPTCHA, which needs to be submitted through GraphQL.

In this case, what needs to be included in the HTTP Header for protected mutation API calls along with Admin or Bearer token?

Your Response

☑ X-Captcha/X-ReCaptcha

☐ Integration authorization tokens

☐ OAuth Token

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

22. Question
A client reports that a product image is not appearing when a product is added to the cart.

After debugging, the Adobe Commerce Architect discovers that this issue is specific to configurable products.

How should the issue be resolved?

Your Response

☐ Advise the business to upload a photo of all the variants.

☐ In the Admin, for the configurable product image, set it to the parent thumbnail within the cart.

☑ In the Admin, for the configurable product image, set it to the product thumbnail within the cart.

☐ Develop a customization to display the variant image instead of the configurable product image.

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

23. Question
For Adobe Commerce's GraphQL APIs, how should an architect optimize data transformation performance while dealing with large datasets?

Your Response

☑ Implementing query batching to reduce round-trips

☐ Applying compression algorithms to reduce payload size

☐ Using edge computing for data localization

☐ Employing serverless computing for parallel processing

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

24. Question
Which two caching options for performance optimization are available in Magento? (Choose two.)

Your Response	Correct Response
☑ Redis database for storing entire cache	☐
☐ Opcode cache for storing data in the memory	☑
☐ File system cache for strong static files	☐
☑ Full Page Cache for preserving output html of the pages	☑

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK

25. Question
When using the API integration, a merchant is unable to perform actions that require a permission level higher than anonymous. They receive the
error message in the response:

"The consumer isn't authorized to access %resources".

Full permissions are given to this integration, it is active, and the access token is used in the authentication header.

What is the recommended way to resolve this issue?

Your Response	Correct Response
☑ Set Stores > Configuration > Services > OAuth > Consumer Settings > 'Allow OAuth Access Tokens to be used as standalone Bearer tokens' option to 'Yes'	☐
☐ Request an access token using one of these end points: GET V1/integration/admin/token or GET V1/integration/customer/token	☐
☐ Use OAuth-based authentication and utilize generated consumer key, consumer secret, access token, and access token secret	☑

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK

26. Question
A new custom column has been added in the sales order grid to display applied coupon data. When the Admin tries to filter the grid using the custo
the grid throws an error.

How should the Architect fix the error to make the column filterable?

Your Response

☐ Modify the collection query and group by the custom column.

☐ Add addFieldToFilter on the collection.

☑ Add addFilterToMap on the collection.

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

27. Question
A developer needs to add a class name resolution for the SearchCriteriaBuilder.

What is the recommended way to achieve this goal?

Your Response	Correct Response
☐ $this->get(SearchCriteriaBuilder::class);	☑
☑ $this->get('\Magento\Framework\Api\SearchCriteriaBuilder');	☐
☐ $this->get('SearchCriteriaBuilder');	☐

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK

28. Question
What are two techniques and strategies that can be employed to optimize the performance of a Magento product page view? (Choose two.)

Your Response

☑ Enabling all available cache types and using opcode caching for PHP scripts

☑ Optimizing database queries by using indexing, reducing join queries, and avoiding excessive use of EAV attributes

☐ Storing all JavaScript and CSS files locally on the server to reduce external requests

☐ Use synchronous requests to the third-party services

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

29. Question
A developer is writing integration tests for any application where the objects are needed to be modified intentionally within the test case. As an Ado
Commerce Architect, what should you recommend be used?

Your Response

☑ magentoAppIsolation

☐ magentoAppArea

☐ magentoDbIsolation

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

30. Question
Several deployment errors are occurring in the Adobe Commerce cloud server. For this reason, it is not possible to push any new changes in the p
repository. The Adobe Commerce Architect found out that certain incompatible files/folders were committed inside the repository, which is what ca
issue.

What are the three files/folders that should not be in the repository? (Choose three.)

Your Response

☐ app/etc/registration_globlist.php

☑ app/etc/env.php

☑ vendor

☐ pub/static

☐ bin

☑ pub/media/catalog

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

31. Question
When refactoring Adobe Commerce customizations, which design pattern promotes loose coupling and flexibility by allowing objects to communica
direct references?

Your Response

☐ Singleton Pattern

☐ Proxy Pattern

☑ Observer Pattern

☐ Command Pattern

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

32. Question
In the context of module development, describe the role of a "Service Contract" and elaborate on how it contributes to the overall development pro

Your Response

☐ A "Service Contract" is a Magento extension that handles web services and API calls for third-party integrations

☑ A "Service Contract" is a set of interfaces and classes that define the interactions between different layers of the application, promoting separat
concerns and modularity

☐ A "Service Contract" is a formal agreement between Magento developers and clients to provide ongoing support for a module

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

33. Question
A developer creates an extension for Adobe Commerce or Magento Open Source.

Which type of test will ensure the quality of the user interface after enabling this feature?

Your Response

☑ Functional Testing Framework

☐ Web API functional testing

☐ Integration testing

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

34. Question
When reviewing and refactoring the database schema of an Adobe Commerce module, what is a best practice for optimizing queries involving larg
datasets?

Your Response

☐ Using dynamic code analysis

☐ Using subqueries for each dataset

☑ Implementing proper indexing

☐ Avoiding the use of joins

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

35. Question
The below query loads a list of products, the SKUs of their related products, and then any secondary related product SKUs.

Which interface is recommended to resolve the below GraphQL request?

```
query ($filter: ProductAttributeFilterInput!) {
products (filter: $filter) {
items {
id
sku
related_products {
sku
related_products {
sku
}
}
}
total_count
}
}
```

Your Response

☑ \Magento\Framework\GraphQl\Query\Resolver\BatchResolverInterface

☐ Magento\Framework\GraphQl\Query\Resolver\IdentityInterface

☐ \Magento\Framework\GraphQl\Query\ResolverInterface

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

36. Question
A project manager enabled Product Recommendations for the staging environment. All tests have been completed, and the configuration was dep
production environment, but the recommendations are not showing on Production.

What is the first step to troubleshoot this issue?

Your Response

☐ Check that the development team uses the correct Services Connector settings for their local environment

☐ Synchronize Catalog to export product data from the Commerce server to Commerce Services

☑ Check that the Commerce Services Connector configuration uses production keys

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

37. Question
An Adobe Commerce Architect wants to minimize the effort involved with regression testing. Which action should be used to perform automated e
testing?

Your Response

☐ Unit Testing

☑ Magento Functional Testing Framework

☐ Integration Testing

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

38. Question
An Adobe Commerce Architect wanted to check the coding standard for a module and found the error in Mess Detector:

"Consider reducing the number of public items to less than 45."

What should the architect consider as a reason for this error?

Your Response

☐ ExcessiveMethodLength

☑ ExcessivePublicCount

☐ ExcessiveParameterList

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

39. Question
A junior developer needs to analyze and debug their code. To get guidance, they work with the Architect to understand how to best preform Javas
analysis on Adobe Commerce. What should the Architect recommend using?

Your Response

☐ Grunt

☐ JSCS package

☑ ESLint

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

40. Question
As an Adobe Commerce architect working on a project hosted in Commerce Cloud, you are tasked with investigating the inability of a "contributor"
User to access SSH.

Given the customization of configurations by the Dev Team, what would be the first troubleshooting step for addressing the SSH access problem?

Your Response

☐ Initiate a Support Ticket to address the issue.

☐ SSH access is granted only to users with specific roles.

☑ Examine the access property in the .magento.app.yaml file.

☐ Check the User's access property in the Cloud GUI.

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

41. Question
An Adobe Commerce store merchant is experiencing page speed issues. After investigating, they discover that the X-Cache header is MISS on re

What are the two possible reasons causing this issue? (Choose two.)

Your Response

☑ In the response header, the X-Magento-Tags does not exists

☐ In the response header, the Pragma:cache is set

☐ In the response header, the Cache-Control: max-age=value, where value is greater 0

☑ In the response header, the Pragma:no-cache is set

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

42. Question
A client informed a development team that suddenly data export-import services stopped working on his Adobe Commerce Cloud website. The Ad
Commerce Architect found out that cron jobs stopped working in the cloud server.

How can the Architect address this?

Your Response

☐ Enter the admin panel and restart the specific cron jobs manually.

☑ Enter the ssh environment and run the cron:unlock command.

☐ Create a support ticket to the Adobe team immediately.

☐ Enter the ssh environment and run the cron:reset command.

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

43. Question
A client has three stores, and wants to include them under a single domain in Adobe Commerce Cloud. The Adobe Commerce architect sets up th
different folders for the stores that share the domain. Which file is required to configure the application structure?

Your Response	Correct Response
☐ .magento.env.yaml	☐
☑ routes.yaml	☐
☐ .magento.app.yaml	☑

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK

44. Question
A page in Storefront is performing very slowly. While debugging, the Adobe Commerce Architect found that the following code is available in the pa

```
<block class="Magento\Customer\Block\Form\Edit" name="customer_edit" template="Magento_Customer::form/edit.phtml" cacheable="false">
<container name="form.additional.info" as="form_additional_info"/>
</block>
```

What is the purpose of this code?

Your Response

☑ Making the entire page uncacheable

☐ Making only the block - "customer_edit" uncacheable

☐ Making the block and container uncacheable

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

45. Question
A client wants to create multiple domains for their multiple stores in Adobe Commerce Cloud.
Which file is required to configure the store domains?

Your Response

☑ routes.yaml

☐ .magento.app.yaml

☐ .magento.env.yaml

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

46. Question
A client is struggling with ineffective search functionality, leading to poor user experience and reduced conversion rates. As an Adobe Commerce
you are tasked with enhancing the search functionality to provide relevant and accurate results.

What should you do to achieve this goal?

Your Response	Correct Response
☐ Implement full-text search capabilities to enable natural language search queries.	☐
☐ Integrate search analytics to understand user behavior and optimize search algorithms.	☑
☑ Utilize search relevancy algorithms to rank results based on user intent and product attributes.	☐
☐ Employ search autocomplete and synonym suggestions to guide users and improve search efficiency.	☐

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK

47. Question
A developer is configuring a production environment for Adobe Commerce Cloud.

What is the optimal strategy for static content deployment (SCD) in this case?

Your Response

☐ SCD on deploy with skip HTML minification

☑ SCD on build

☐ SCD on deploy

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

48. Question
In which two ways can the storefront responsiveness of the Commerce Instance be improved? (Choose two.)

Your Response	Correct Response
☐ Configure asynchronous indexing as disable	☐
☑ Configure asynchronous indexing as enable	☑
☑ Minify CSS, JavaScript and HTML files, and disable JavaScript bundling	☐
☐ Minify CSS, JavaScript and HTML files, and Enable JavaScript bundling	☑

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK

49. Question
During a deployment, you receive an error:

"Item CRON_CONSUMERS_RUNNER is not supposed to be in stage build. Please move it to one of possible stages: global, deploy"..

Which file should you use to fix this issue?

Your Response

☐ .magento.app.yaml

☐ routes.yaml

☐ services.yaml

☑ .magento.env.yaml

Score
100%

SHOW CORRECT ANSWER SHOW FEEDBACK

50. Question
A developer is configuring an integration environment for Adobe Commerce Cloud.

What is the optimal strategy for static content deployment (SCD) in this case?

Your Response	Correct Response
☑ SCD on demand	☑
☐ SCD on build	☐
☐ SCD on deploy with skip HTML minification	☐

Score
100%

HIDE CORRECT ANSWER SHOW FEEDBACK

51. Question
A client is facing a growing threat of cyberattacks and data breaches. As an Adobe Commerce architect, you are tasked with implementing robust
measures to protect the store's data and maintain customer trust.

What is the most effective way to achieve this goal?

Your Response	Correct Response
☑ Regularly update Adobe Commerce and all extensions to the latest versions	☐
☐ Utilize a web application firewall (WAF) to filter malicious traffic and protect against common attacks	☐
☐ Encrypt sensitive data, such as customer information and payment details, at rest and in transit	☑
☐ Implement strong password policies and enforce multi-factor authentication (MFA)	☐

Score
0%

HIDE CORRECT ANSWER SHOW FEEDBACK