

1.

Given a job step configured in the steptype.json that calls a script module, a developer needs to add a custom status code "NO_FILES_FOUND" in the script. The status does not represent an error condition. Which code snippet completes this requirement?

A

```
return 'NO_FILES_FOUND';
```

B

```
this.status = 'NO_FILES_FOUND';
return this;
```

C

```
var Status = require ('dw/system>Status');
return new Status (Status.OK, 'NO_FILES_FOUND');
```

D

```
var status = {success: 'OK', message: 'NO_FILES_FOUND'};
return status;
```

2.

Recent code changes to an existing cartridge do not appear correctly on a Storefront. The developer confirms that the code is uploaded in the IDE and ensures that the cartridge is associated with the sandbox.

Which two additional steps should the developer take to troubleshoot this problem? (Choose two.)

A

Check that the correct code version is selected.

B

Check the Business Manager site cartridge path.

C

Check the Storefront site cartridge path.

D

Check that the search index was recently rebuilt.

3.

A developer working on a simple web service integration is asked to add appropriate logging to allow future troubleshooting.

According to logging best practices, which code should the developer write to log when an operation succeeds, but has an unexpected outcome that may produce side effects?

A

Logger.error('Unexpected service response.')

B

Logger.debug('Unexpected service response.')

C

Logger.warn('Unexpected service response.')

D

Logger.info('Unexpected service response.')

4.

A developer needs to show only car accessories when shoppers use the search term car accessories and exclude technology accessories and household accessories.

Given the above requirement, what is the recommended approach using the Search Dictionaries Dashboard?

A

Create a Common Phrase Dictionary entry: car accessories.
Use search mode Exact Match.

B

Create a Synonym Dictionary entry: car accessories, household, technology.
Use search mode First Word.

C

Create a Common Phrase Dictionary entry: car accessories, NOT household, NOT technology.
Use search mode Exact Match.

D

Create a Synonym Dictionary entry: car accessories, !household, !technology.
Use search mode Exact Match.

5.

Which two of these situations are appropriate cases for using the B2C Commerce OCAPIs? (Choose two.)

A

Updating Inventory information from a management software.

B

Extending System Object Type definitions with new attributes.

C

Showing the customer's information in their B2C Commerce "My Account" page.

D

Displaying a list of B2C Commerce products in a mobile app.

6.

A developer is asked to write a job that is responsible for updating the customer order based upon a trigger from the Order Management System (OMS). While all the information for the order remains the same, the Order number provided by the OMS needs to replace the existing Order Number. The developer chooses to use the B2C OCAPI hooks to update the order to achieve the above requirement. According to best practices which OCAPI call should the developer use along with which OCAPI hook?

A

PATCH /orders/{order_no} with dw.ocapi.shop.order.afterPATCH

B

DELETE /orders/{old_order_no} with dw.ocapi.shop.order.afterDELETE

C

POST /orders/{order_no} with dw.ocapi.shop.order.afterPOST

D

PATCH /orders/{order_no} with dw.ocapi.shop.order.beforePATCH

7.

A developer is asked to create a new service instance that will call a remote web service.

Which method should the developer use to create the service instance?

A

dw.svc.LocalServiceRegistry.createService()

B

dw.svc.LocalServiceRegistry.getDefaultService()

C

dw.svc.LocalServiceInstance.createService()

D

dw.svc.webref.getDefaultService()

8.

A developer is tasked with implementing the necessary code for a new Page Designer component. What are the two purposes of the JSON metadata definition file that the developer creates? (Choose two.)

A

Defines regions within the component type.

B

Defines the responsive layout of the rendered template.

C

Defines the business and rendering logic of the component required by the merchant.

D

Defines the attributes that a merchant enters when using the component type.

9.

A developer is asked to create a controller endpoint that will be used in a client-side AJAX request. Its purpose is to display updated information to the user when the request is completed, without otherwise modifying the appearance of the current page.

According to SFRA practices, which method best supports this objective?

A

res.render()

B

res.log()

C

res.print()

D

res.json()

10.

What are two appropriate uses of the <isif> ISML tag that follow B2C Commerce and SFRA best practices? (Choose two.)

A

Display a section of the page to logged users only.

B

Redirect users to the registration page if they are not logged in.

C

Show a different <div> tag depending on a pdict Boolean variable.

D

Implement involved business logic through conditional statements.

11.

A client has a requirement to render different content on the homepage based on if the customer is logged in or guest user.
What should a developer implement to achieve this requirement?

A

Set the Content Asset configuration for a customer that is a registered, versus unregistered, user.

B

Write specific custom code in the Content Asset for a customer that is a registered, versus unregistered, user.

C

Set the Content Slot configuration so it is based on the system customer group registered, versus unregistered.

D

Add specific custom messages in Page Designer for a customer that is a registered, versus unregistered, user.

12.

Given the sandbox with:

- Service configured and assigned to its profile and credential

- A code version that uses that service

And given the requirement to limit the number of success or error calls the code can perform to a restricted

number of calls per second.

Which configuration should the developer perform?

A

Set the rate limiter in the service profile and configure its values with the ones required

B

Set a new quota limit for the service profile with the required values

C

Set the service as limited and change the services profile site preferences with the required values

D

Set a new quota limit for the service profile and assign the service to it

13.

You can upload and manage files for other languages if required.

Select Language: Default

The tree shows the content image directory structure. To add new directories, select the parent directory, enter the name in the field below, and click Add.

The table below the tree shows the content of the selected directory. To upload files into the selected directory, click Upload.

Warning: The file size is limited to 100 MB.

Directories

New Directory:

+ Library-Sites-RefArch SharedLibrary

Files

Upload File: Choose file No file chosen

There are currently no files to show here.

A merchant uploads an image using the Content Image Upload module of Business Manager. Which three modules can the merchant or developer use to display the image on the Storefront? (Choose three.)

A

Storefront catalogs

B

Content assets

C

ISML templates

D

Content slots

E

Payment types

14.

A developer receives a product image that needs to be uploaded to the catalog.
What should the developer use to upload this image?

A

Sites/Impex WebDAV Directory

B

Content Image Import module of Business Manager

C

Site Development Import & Export module of Business Manager

D

Products & Catalogs module of Business Manager

15.

```
function render (context) {  
    // unrelated code here  
  
    model.text_headline = content.text_headline;  
    if (content.text_subline) {  
        model.text_subline = content.text_subline;  
    }  
    model.text_alignment = content.text_alignment == 'Left' ? 'left' : 'center';  
  
    // more unrelated code  
  
    return new Template ('experience/components/assets/categorytile').render(model).text;  
};
```

Given the code snippet above, what should be added after this code so it can be used for page component display?

A

```
module.exports = render;
```

B

```
base.render = render;
```

C

```
module.exports.render = render;
```

D

```
module.exports = server.exports();
```

16.

A developer customized the Cart-Show controller route with a LINK cartridge that adds social media data.

There is a new requirement to add a dataLayer object to the Cart-Show controller route.

How should the developer achieve this to ensure that no code change will be needed if the client decides to
remove the LINK cartridge?

A

Append Cart-Show controller route in the client cartridge and add dataLayer object to the ViewData variable

B

Replace the Cart-Show controller route in client cartridge and add dataLayer object to the ViewData variable

C

Replace the existing ViewData variable with the dataLayer object in the Cart-Show controller route

D

Replace the Cart-Show controller route in client cartridge and add dataLayer object to the ViewData variable. Ensure that the client cartridge is on the left of the LINK cartridge in cartridge path

17.

A developer works on a multisite realm. A new site requires a different layout for the account landing page,
but the business logic and data model remain the same.

- The existing code is in landing.isml and AccountControl.js in the app_custom_mystore cartridge.
- The app_custom_mystore cartridge contains any custom code for all other business functions.
- The cartridge path for the existing site is
int_cybersource:int_paypal:app_custom_mystore:app_storefront_base.

The developer creates a new cartridge named app_custom_newproject that contains only the landing.isml template for the new site.

Following best practices, which modification should be made to the new cartridge path?

A

Set the cartridge path so that app_custom_mystore is before int_cybersource.

B

Set the cartridge path so that app_custom_newproject is before app_custom_mystore.

C

Set the cartridge path so that app_custom_newproject is in the farthest right position.

D

Set the cartridge path so that app_custom_newproject is between app_custom_mystore and app_storefront_base.

18.

Refer to this example snippet of an ISML template:

```
<h2>Welcome back, ${pdict.username}.</h2>
```

The "pdict.username" variable does not print correctly when used in a similar template.

Assuming that the variable is correct in the Controller's "viewData", how should a developer temporarily modify their code to use a debugger and troubleshoot the issue in the template?

A

Add an <isdebug> tag to allow the inspection of global variables.

B

Add a local <isininclude> tag to inspect the topLevel function in the call stack.

C

Add an <isbreak> tag to have the debugger stop at the desired line.

D

Add an <iisscript> tag and JavaScript with a breakpoint set.

19.

A developer cannot create a custom object in Business Manager because the attributes do not show.

The

developer can view the object but not the attributes.

Which action should the developer take to resolve the problem?

A

Sort the attributes in the custom object type

B

Create an Attribute Group with the desired attributes in it

C

Set the attributes to site-specific replicable

D

Change the data type of the attributes

20.

A developer has custom debug statements in a script, but the messages are not showing up in the Storefront Toolkit Request Lo.

Which step needs to be completed to get the messages to appear in the Request Log?

A

In Global Preferences, check the box for Enable custom logging in Request Log

B

In Custom Log Settings, check the DEBUG box for Select Log Levels Written to Files

C

In Site Preferences, check the box for Enable custom logging in Request Log

D

In Custom Log Settings, activate the logging category at DEBUG level

21.

Given a customer environment configured with only the en_CA locale and the following new requirements:

- To add a new locale for fr_CA
- To localize the address form with the new locale
- To make the localization usable even for new possible French locales, such as fr_FR

And given the portion of form XML definition contained in the form file cartridge/forms/default/address.xml:

```
<?xml version="1.0"?>
<form xmlns="http://www.demandware.com/xml/form/2008-04-19">

    <field formid="country" label="label.input.country" type="string" mandatory="true"/>
    ...
</form>
```

What is the right place to add the fr_CA translation for the country field label?

A

/cartridge/forms/resources/address_fr.properties

B

/cartridge/templates/resources/address_fr_CA.properties

C

/cartridge/templates/resources/forms_fr.properties

D

/cartridge/templates/resources/fr/forms.properties

22.

A developer needs to check for product inventory in all inventory lists using the Open Commerce API.

An example request URL is:

http://refarch.demandware.net/dw/data/v18_3/inventory_lists/ecom-inventory/product_inventory_records/00883408601

Which property should the developer check in the OCAPI settings to confirm the appropriate resource is enabled?

A

resource_id

B

client_id

C

ecom-inventory

D

methods

23.

A developer has a sandbox with code to log a message during execution, and the following code:

```
var Logger = require('dw/system/Logger');
```

```
Logger.info(message);
```

After the code executes, the developer does not see any log file with the message in the WebDAV folder.

Which task does the developer need to perform to correct this issue?

A

Set the root log level to debug

B

Request that the developer's account be given permission to the Log Center of the current realm

C

Set the log retention to a value higher than 0

D

Set the logging global preference to true

24.

```
{  
    "resource_id": "/sites/*/coupons/*",  
    "methods": [  
        "put"  
    ],  
    "read_attributes": "(**)",  
    "write_attributes": "(**)"  
}
```

Given the above OCAPI definitions, which permission or permissions apply?

A

Allows external applications to create coupons

B

Allow external applications to create, update, and delete both coupons and coupon codes

C

Allows external applications to update coupons

D

Allows external applications to create, update, and delete coupons

25.

Given the following ISML example, how should a developer reference the product object in the current iteration of the basket?

```
<isloop items="${pdict.Basket.products}" var="product"
status="loopstatus">
    ...
</isloop>
```

A

pdict.Basket.products[loopstatus]

B

pdict.product

C

product

D

loopstatus.product

26.

A developer created a basic SFRA form to capture the customer's first name, last name, and email address

and render it on the next page. The developer is able to see all form elements and is able to enter information and submit. However, the developer notices that the submitted information is not getting rendered on the Storefront.

Which two mistakes might cause this issue? (Choose two.)

A

The form definition is incorrect.

B

The actionUrl does not have any form action set.

C

The form object is not passed to the rendering template.

D

The form does not pass all validations.

27.

When looking at Custom Object instances for a site, a merchant notices that the creation date is not showing up on the instances in Business Manager.

Where should the developer add this attribute to the Custom Object so it is visible for the merchant to see in

Business Manager?

A

Add the creation date to the attributes of the Custom Object.

B

Mark the existing creation date attribute as visible.

C

Assign the current date/time to a new custom attribute, creationDate, via code.

D

Add the creation date to the attribute group for the Custom Object.

28.

What is accomplished by the code below?

```
<isinclude url="${URLUtils.url('Account-Header', 'mobile', true)}" />
```

A

Performs a remote include from the Account-Header endpoint.

B

Performs a call to the Account-Header endpoint to allow mobile navigation.

C

Creates a link to the Account-Header endpoint that allows mobile navigation.

D

Performs a local include from the Account-Header endpoint.

29.

A developer has a specification to integrate with a REST API for retrieving traffic conditions. The service expects parameters to be form encoded.

Which service type should the developer register?

A

POST Form

B

HTML Form

C

HTTP Form

D

SOAP Form

30.

A developer is implementing new Page Designer content on a merchant's Storefront and adds the line below to the setupContentSearch function in the searchHelpers.js file.

```
apiContentSearchModel.setFilteredByFolder(false);
```

What does this achieve?

A

Prevents Page Designer pages and components from being searchable.

B

Enables searching to find Page Designer content assets that are not in folders.

C

Filters Page Designer search results into separate page and component folders.

D

Extends the ContentSearchModel to allow the folder filter.

31.

In order to build the SFRA code to a developer sandbox for the first time, which build steps should the developer perform for the site to appear and function as designed?

A

npm run compile:js, npm run compile:scss, npm run compile:html

B

npm run compile:js, npm run compile:html, npm run clean

C

npm run compile:scss, npm run compile:html, npm run clean

D

npm run compile:js, npm run compile:scss, npm run compile:fonts

32.

Business Manager has the configuration:

- Active Log category is "root"
- Log level of WARN

The code below is executing:

```
var log = Logger.getLogger("products");
```

Using this information, which two logs will be written? (Choose two.)

A

```
log.info("This is an info message");
```

B

```
log.warn("This is a warn message");
```

C

```
log.error("This is an error message");
```

D

```
log.debug("This is a debug message");
```

33.

There is an existing job that captures and sends a report of all the SFCC orders captured in a day for North America at 12:00 AM EST. The developer is asked to also send another report for all the orders placed for Europe at 12:00 AM UTC.
How should a developer achieve both of these requirements?

A

Use a flow and set up execution of both job steps at the specified time

B

Modify the existing Job and add site-specific job run-times to the Scheduling tab

C

Add a new job step to the existing North America job to capture and send a report for all these Eu orders

D

Create a new job specific to Europe to run at the specified time

34.

To ensure SFRA best practices and protect against request forgery, the developer introduced CSRF token generation in the customer address form.

```
<form ... action="submit">
    <input name="${dw.web.CSRFProtection.getTokenName()}"
           value="${dw.web.CSRFProtection.generateToken()}">
    ...
    <the rest of the Form Fields>
    ...
</form>
```

To implement CSRF protection when the form is submitted, the developer needs to introduce the CSRF validation using one or both of these methods as applicable:

- validateRequest

- validateAjaxRequest

Where in the code does the developer need to add this CSRF validation check?

A

In the model function that persists the form data

B

In the middleware chain of the controller post route

C

In the view function that handles the submitted form

D

In the controller function that displays the form

35.

A developer needs to perform the same additional checks before completing multiple routes in a custom controller, in order to decide whether to render a template or redirect the user to a different page. According to SFRA best practices, what is the correct approach to improve code reusability in this scenario?

A

Use the superModule property in the existing routes to extend their functionality

B

Define a new middleware function and use it in the existing routes

C

Append a new function to all the existing routes with the server module

D

Replace the existing routes by creating a controller in separate new cartridge

36.

A developer has a B2C site and a merchant requirement to add a new locale to it.

What are the steps to enable the locale in the Storefront?

A

Update the language under the Organization Profile section.

B

Create and configure the locale under Global Preferences section and activate it in Site Preferences.

C

Create, configure, and activate the locale under Global Preferences section.

D

Add an alias for the new locale and then create and configure the locale itself under Global Preferences section.

37.

Multiple customers report slow performance on the Product Details Page.

Which tool can a developer use to view average response times for the Product-Detail controller route?

A

URL Request Analyzer

B

Request Logs

C

Pipeline Debugger

D

Pipeline Profiler

38.

Given the requirements:

- To show the washing instructions for a clothing product on a dedicated section the detail page
- Washing instructions come from the product information manager (PIM)
- To have this attribute available to localize in the Storefront

Which action meets these requirements?

A

Add a resource file for every locale for which the attribute needs to be translated.

B

Add a custom attribute for each locale.

C

Create a custom attribute on the product system object and set it as localizable.

D

Set the product system object type as localizable.

39.

A merchant wants customers to be able to order gift vouchers via their site. Since they can issue an unlimited number of these digital vouchers, this item should be available to sell at all times.

How can a developer use Business Manager to ensure that the gift vouchers are always available?

A

Manually set the inventory to a high number.

B

Check the perpetual flag in the product inventory record.

C

Check the Available to Sell (ATS) flag for the product set.

D

Set StockLevel = maxAllocation for the product.

40.

A client has two B2C Commerce sites in the same instance: one for the U.S. market, the other for the European market. The products they sell are sold with different safety certificates based on the world location.

For example, they sell a smartphone with certificate A in the U.S. and certificate B in Europe, a hairdryer with certificate C in the U.S. and certificate D in Europe, and more.

How should a developer allow the merchant to display the appropriate certification logo in the product details page, depending on the customer's location?

A

Add an Image custom preference to the SitePreference system object type.

B

Add a Localizable custom preference to the SitePreference system object type.

C

Add a Localizable custom attribute to the Certificate system object type.

D

Add a Site-specific custom attribute to the Product system object type.

41.

A developer configures the dw.json file and needs to fill in the necessary parameters to complete the task.

Which three parameters are required when using npm scripts? (Choose three.)

A

Hostname

B

Site ID

C

Code Version

D

Username/Password

E

CSRF Token

42.

There are three logging categories: category1, category1.eu, and category1.us.

In Business Manager, category1 is enabled for WARN level and no other categories are configured. All custom log targets are enabled.

The code segment below executes

```
var logger = Logger.getLogger("loggerFile", "category1.eu" );
logger.warn("This is a log message");
```

What is the result?

A

Logs will be written to the log file with a prefix custom-loggerFile.

B

Logs will not be written.

C

Logs will be written to the log file with a prefix loggerFile.

D

Logs will be written to the log file with a prefix customwarn.

43.

A client has two B2C Commerce sites in the same instance: one for the U.S. market, the other for the European market. They offer free gift wrapping on a selection of products. For each order, five products can

be wrapped in the U.S., but only three products can be wrapped in the European region.

How should a developer allow the merchant to independently adjust this number?

A

Create a new custom preference by extending the Site Preference object type

B

Select the corresponding option in the system preference for Orders

C

Add a new Campaign using the Online Marketing section of the Business Manager

D

Configure a new localizable content slot with a market-specific value

44.

A developer is tasked with the development of a new Page Designer Page Type, as requested by the merchant.

How should they define the rendering logic of the page?

A

Implement a JavaScript file with a render() function

B

Implement an XML file with a <render> node

C

Implement a Controller file with a "render" route

D

Implement a metadata JSON file with a "render" property

45.

A developer must configure permissions for an Open Commerce API resource on a sandbox instance that currently does not have any permissions configured.
Which two configuration properties are required to enable access to the resource? (Choose two.)

A

read_attributes

B

version_range

C

client_id

D

resource_id

46.

The developer created a new Storefront category in storefront-catalog-m-en, but when viewing the Storefront site, the category is not visible.

What are two possible reasons? (Choose two.)

A

The category does not contain available products

B

The category is not sorted

C

The Storefront catalog is offline

D

The category is offline

47.

A developer is given the requirement to add a step to the existing business logic of the registration process.

How should the developer modify the route that handles the customer registration?

A

Override the route with new functionality.

B

Extend the route with new functionality.

C

Change the controller route with new functionality.

D

Copy the code from the original route to a new controller route, and change it.

48.

HOTSPOT

Given the following conditions:

- A site export file with a copy of the Storefront data for a custom site
- A sandbox with the custom site code, but no Storefront data
- A requirement for a working copy of SFRA for development reference

A developer is assigned three tasks to perform in Business Manager. In what sequence should the developer perform the tasks, so that the custom site displays the products as intended?

Hot Area:

Answer Area

Task 2

- Import the SFRA Demo Sites using Site Import/Export
- Import the custom Site using Site Import/Export
- Rebuild the custom Site search indexes

Task 3

- Import the SFRA Demo Sites using Site Import/Export
- Import the custom Site using Site Import/Export
- Rebuild the custom Site search indexes

Task 1

- Import the SFRA Demo Sites using Site Import/Export
- Import the custom Site using Site Import/Export
- Rebuild the custom Site search indexes

49.

Given the SFRA Controller below:

```
01 var server = require('server');
02 var cache = require('*cartridge/scripts/middleware/cache');
03
04 server.get('Show', cache.applyDefaultCache, function (req, res, next) {
05   ViewData = {name: 'my string'};
06   res.render('/pages/mypage', ViewData);
07   next();
08 });
09
10 module.exports = server.exports();
```

Why would a JavaScript debugger, that is stopped at line 06, fail to show the ViewData variable in the inspection tool?

A

viewData is assigned but not declared

B

viewData is a B2C Script reserved name

C

cache.applyDefaultCache is not a valid middleware

D

viewData is declared but not assigned

50.

A Digital Developer is tasked with setting up a new Digital Server Connection using UX Studio in their sandbox.

Which three items are required to accomplish this task? (Choose three.)

A

Instance Hostname

B

Instance Version

C

Keystore Password

D

Business Manager Username

E

Business Manager Password

51.

A developer needs to share their sandbox data with a colleague working on the same realm. What is the best practice to share data between two environments?

A

Perform a site export using the global export directory

B

Perform a site export and a local site import

C

Perform a data replication from one sandbox to the other

D

Perform a site export using the remote archive

52.

A business user wants to add a link to a content page from within the body of another content asset.

The

target content asset ID is: terms-and-conditions.

Which link function generates the correct link?

A

\$http('Content-Page', 'cid', 'terms-and-conditions')\$

B

\$url('Page-Show', 'cid', 'terms-and-conditions')\$

C

\$httpUrl('Content-Show', 'cid', 'terms-and-conditions')\$

D

\$include('Page-Include', 'cid', 'terms-and-conditions')\$

53.

Universal Containers recently completed updates to their storefront shopping cart page. A problem has been discovered since the update. Users are no longer able to submit coupon codes on this page. Additionally, authenticated users who try to add a coupon are logged out. The following processing code is found in the Cart.js controller file:

```
function (formgroup) {
    var CSRFProtection = require('dw/web/CSRFProtection');

    if (!CSRFProtection.validateRequest()) {
        app.getModel('Customer').logout();
        app.getView().render('csrf/csrffailed');
        return null;
    }

    var result = {cart: cart, EnableCheckout: true, dontRedirect: true};

    if (formgroup.couponCode.htmlValue) {
        var status = cart.addCoupon(formgroup.couponCode.htmlValue);
        // Update result with status of coupon
    } else {
        result.CouponError = 'COUPON_CODE_MISSING';
    }
    return result;
}
```

A

The form group has the secure attribute set to true.

B

The CSRF settings in Business Manager are properly configured.

C

The CSRF token is present in the form and is being submitted in the request.

D

The CSRF cartridge is included in the site's cartridge path.

54.

Universal Containers sells physical gift cards for the holidays.

What needs to occur to guarantee the cards will always be available?

A

Create an inventory record with an extremely high Allocation value (i.e., 1 billion certificates).

B

Create an inventory record with Backorder Handling enabled.

C

Create an inventory record with an unlimited Allocation value.

D

Create a perpetual inventory record.

55.

A Digital Developer is requesting product information for an external integration. The following Open Commerce API (OCAPI) request is NOT functioning correctly:

```
POST /dw/shop/v18_3/products/(creative-zen-v,namco-we-ski-wii)?client_id=aaaa...
HTTP/1.1 Host: example.com
```

How should the Developer change the request?

A

Include an authentication token in the request.

B

Change the URI to /dw/shop/v18_3/products/creative-zen-v.

C

Change the HTTP method to GET.

D

Change the HTTP method to PUT.

56.

A Digital Developer suspects a logical error in a script.

Which action will help locate the error?

A

Print all values in the script node called before the current script.

B

Check request logs for evidence of the logical error.

C

Put breakpoints in the code, debug, and examine variable values.

D

Submit a support ticket to B2C Commerce.

57.

Assume the code below is executing:

```
var log = Logger.getLogger("xyz", "export");
log.info("This is important information");
```

Business Manager has the configuration:

- Active Log category is "root" with log level of "info."

Given this information, what is the beginning of the filename in which the log will be written?

A

custominfo-blade

B

custom-export

C

custom-xyz

D

xyz

58.

Which two methods are efficient and scalable? (Choose two.)

A

ProductSearchHit.getRepresentedProducts()

B

ProductsearchModel.getProductSearchHits()

C

Category.getProducts()

D

ProductMgr.queryAllSiteProducts()

59.

A Digital Developer needs to add logging to the following code:

```
var Logger = require('dw/system/Logger');

var urlEmail = 'https://api.weibo.com/2/account/profile/email.json' + accessTokenSuffix;

http.open('GET', urlEmail);
http.send();

var resultEmail = http.getText();

if (200 !== http.statusCode) {
    // Log Invalid Status Code
}
```

Which statement logs the HTTP status code to a debug-level custom log file?

A

```
logger.getLogger('profile').debug("Error retrieving profile email, Status Code: ", http.statusCode);
```

B

```
Logger.getLogger('profile').debug("Error retrieving profile email, Status Code: {0} was returned.",  
http.statusCode);
```

C

```
Logger.getLogger().debug("Error retrieving profile email, Status Code: {0} was returned.",  
http.statusCode);
```

D

```
logger.debug("Error retrieving profile email, Status Code: {0} was returned.", http.statusCode);
```

60.

A developer needs to display a products list of their "Women Dresses" category in a new web application,

independent of their main B2C Commerce site. This custom listing page needs to be styled differently from

the existing one, as per marketing requirements.

Which B2C Commerce tool should the developer use to collect the necessary information?

A

The existing category's endpoint to perform a REST call

B

The ProductSearch resource of the Shop OCAPI

C

The iframe of the existing category page

D

The Search-Show Controller URL to perform a web crawl

61.

Given the requirement to add caching to an existing page while adhering to SFRA best practices, which code snippet should be used?

A

```
server.get('Show', function (req, res, next) {  
    //code  
}).applyDefaultCache();
```

B

```
<iscache type="relative" hour="24"/>
```

C

```
<iscache varyby="price_promotion" type="relative" status="on"/>
```

D

```
server.get('Show', cache.applyDefaultCache, function (req, res, next) {  
    // code  
});
```

62.

A merchant reports that a particular landing page loads slowly. As a result, there is a significantly higher visitor departure rate in the analytics that appears to correlate with this. They anticipate this will impact revenues and want to resolve as soon as possible.

In order to diagnose and remedy this, the merchant asks their developer to investigate caching settings on

the page in an attempt to determine the root cause.

How can the developer quickly inspect the page components to understand the caching?

A

Utilize the debugger to inspect the caching information

B

Use the Storefront Toolkit cache info tool to inspect page components

C

Open the request logs to inspect the caching information

D

Inspect the caching properties of the page component in an IDE

63.

Consider the following information:

- A merchant has this three-tier category structure setup in the Storefront catalog.
- New Arrivals > Women > Clothing

- The category named Clothing has all the clothing items for Women and is merchandised.

- A Search Refinement named Newness is correctly configured for the Clothing category.

When a merchandiser views the Clothing category, the Search Refinement appears and works as expected. However, the merchandiser does not see the Search Refinement when searching for Clothing via the Storefront search.

What is the reason?

A

The Search Refinement definitions for Clothing and one of its parent categories

B

The Search Refinement definition is not set up for the New Arrivals category

C

The Search Refinement definition is not set up for the Women category

D

The Search Refinement definition is not set up for the Root category

64.

A client uses tax tables in Business Manager to calculate tax. They recently started shipping to a new country, Italy, and the tax is not being calculated correctly on the Storefront.

What is the likely problem?

A

Tax Region is configured wrong

B

Tax Jurisdiction is missing

C

Tax Locale is configured wrong

D

Tax Country is missing

A Newsletter controller contains the following route:

```
server.post('Subscribe', function (req, res, next) {
  var newsletterForm = server.forms.getForm('newsletter');
  var CustomObjectMgr = require('dw/object/CustomObjectMgr');

  if (newsletterForm.valid) {
    try {
      var CustomObject = CustomObjectMgr.createCustomObject('NewsletterSubscription',
newsletterForm.email.value);
      CustomObject.custom.firstName = newsletterForm.fname.value;
      CustomObject.custom.lastName = newsletterForm.lname.value;

      res.render('/newsletter/newslettersuccess');
    } catch (e) {
      // Catch error here
    }
  }
  next();
});
```

Assuming the Custom Object metadata exists, why does this route fail to persist the data submitted in the form beyond the template render lifecycle?

A

The CustomObjectMgr variable should be declared outside of the route

B

Custom Objects can only be created by Job scripts

C

The Subscribe route is missing the `server.middleware.http middleware`

D

The Custom Object creation is not wrapped in a Transaction

66.

Universal Containers requires that a new order comments attribute is added to the existing SiteGenesis checkout flow. This new attribute needs to be included as part of the standard order export.

Aside from updating the HTML markup and form definition, which option contains all necessary steps to achieve this task?

A

- Add the new attribute to the "Customer" system object.
- Modify the "COPlaceOrder" controller to add this new attribute to the current session's "Customer" object.

B

- Create a new custom object type for order comments that contains the attributes: order ID and comments.
- Modify the "COPlaceOrder" controller to create a new order comments custom object upon order completion.

C

- Modify the "COPlaceOrder" controller to update a CSV file in the IMPEX WebDAV directory with the order ID and comments.
- Modify the order export process to read information in the CSV file and include it as part of the export.

D

- Add the new attribute to the "Order" system object.
- Modify the "COPlaceOrder" controller to add this new attribute to the current session's "Order" object.

67.

An instance has custom logging enabled. The log reaches the file size limit.
What happens in this situation?

A

The current log file is archived and a new log file is created

B

The log file rolls over and the oldest log messages are overwritten

C

The log file is deleted and a new log file is created

D

Logging is suspended for the day

68.

A Digital Developer is adding support for an additional language other than the default. The locale code for the new language is de.

In which folder should the developer place resource bundles?

A

templates/de

B

templates/default

C

templates/default/resources

D

templates/resources

69.

A Digital Developer is asked to optimize controller performance by lazy loading scripts as needed instead of

loading all scripts at the start of the code execution.

Which statement should the Developer use to lazy load scripts?

A

require () method

B

local include

C

\$.ajax () jQuery method

D

importPackage () method

70.

A Digital Developer needs to add a new form to the shopping cart page to allow customers to enter their rewards pass ID. There is already an existing Cart.js controller that handles processing of the other cart forms. In addition, a form field node is in the form XML and the necessary form input is present in the ISML template.

The code below is the submit button for the ISML markup.

```
<button type="submit" value="${pdict.CurrentForms.cart.addRewardPass.htmlName}"  
name="${pdict.CurrentForms.cart.addRewardPass.htmlName}">  
    ${Resource.msg('rewards.apply','locale',null)}  
</button>
```

What additional steps must occur before the Digital Developer can begin writing the processing code for this request?

A

- Add the attribute addtl-form-action="addRewardPass" to the ISML form
- Add the key addRewardPass, with a processing function as a value, to the object passed to the Form.handleAction() method in the Cart.js controller

B

- Add a <submit /> node to the form definition XML with the attribute formid="addRewardPass"
- Add the key addRewardPass, with a processing function as a value, to the object passed to the Form.handleAction() method in the Cart.js controller

C

- Add an <action /> node to the form definition XML with the attribute formid="addRewardPass"
- No change to Cart.js controller required

D

- Add an <action /> node to the form definition XML with the attribute formid="addRewardPass"
- Add the key addRewardPass, with a processing function as a value, to the object passed to the Form.handleAction() method in the Cart.js controller

71.

Given the requirements:

- To integrate with an external web service using HTTP requests.
- To create a service for this purpose with the Service framework using the LocalServiceRegistry class.
- To test the service before the external service provider makes the API available.

Which solution allows the developer to satisfy the requirements?

A

Create a service and implement the mockFull callback and a sitepreference to enable or disable the mock response.

B

Create a service and a Sitepreference that induce the service to respond with a mock response using a conditional.

C

Create a service and implement the mockFull callback and set the service mode to mock.

D

Create two services, one mock and the real one, and a Sitepreference that enable the mock or the real one.

72.

Given a file in a plug-in cartridge with the following code:

```
'use strict';
var base = module.superModule;
function applyCustomCache(req, res, next) {
    res.cachePeriod=6; //eslint-disable-line no-param-reassign
    res.cachePeriodUnit='hours'; //eslint-disable-line no-param-reassign
    next();
}
module.exports = base;
module.exports.applyCustomCache = applyCustomCache;
```

What does this code extend?

A

A controller

B

A model

C

A middleware script

D

A decorator

73.

The Home-Show route uses this middleware chain:

```
server.get('Show', consentTracking.consent, cache.applyDefaultCache, function  
(req, res, next) {  
    // based code here  
});
```

The developer added Home.js in another cartridge, which is before the original cartridge in the cartridge path, to extend that route but it does not have the middleware chain:

```
server.append('Show', function (req, res, next) {  
    // custom code here  
});
```

Assuming the code is correct on both functions, what is the expected result?

A

The custom code executes and then the base code executes

B

A RunTime error is thrown, "Error: Params do not match route"

C

The base code executes and then the custom code executes

D

The base code executes, but the custom code is ignored because the signature lines do not match

74.

Universal Containers wants to add a model field to each product. Products will have locale-specific model values.

How should the Digital Developer implement the requirement?

A

Add model to a new custom object with localizable attributes.

B

Store translated model values in different fields; one field for each locale.

C

Set the model field as a localizable attribute.

D

Utilize resource bundles for translatable values.

75.

A Digital Developer adds the following line of code to a script.

```
dw.system.Logger.getLogger('login').debug("Login API has succeeded");
```

The code executes without error; however, the log file on disk does NOT contain the log message. Which two actions should be completed to write the log message to disk? (Choose two.)

A

Ensure that the debug log level is enabled to write to file in the Custom Log Settings Business Manager module.

B

Ensure that the debug log level has been added to the custom log level types in the Global Preferences business manager module.

C

Archive old log files to make room in the log directory.

D

Ensure that the "login" category is added to the Custom Log Filters in the Log Settings Business Manager module.

76.

A developer needs to update the package.json file so that it points to the hook file for a cartridge, using the hooks keyword.

Which snippets works correctly when added to the file?

A

```
{"hooks": "./scripts/hooks.json"}
```

B

```
{"hooks": "./cartridge/scripts/hooks.json"}
```

C

```
{hooks: ./scripts/hooks.json}
```

D

```
{hooks: ./cartridge/scripts/hooks.json}
```

77.

A Digital Developer noticed that cartridges in their workspace are NOT executing. The Developer confirms

that the cartridges are uploaded to the B2C Commerce server connection's target version directory.
Which action potentially solves this problem?

A

Set the active code version to use the latest compatibility mode.

B

Remove invalid characters from cartridge file and folder names.

C

Remove invalid characters from the code version's name.

D

Set the server connection's target version directory to the active code version.

78.

A Digital Developer added a file named `MyBusinessController.js` in the cartridge named `app_project`. The project design calls for this new file to override `MyBusinessController.js` in `client_project`. The `client_project` cartridge contains other necessary functionality. Additional functionality is also included in the `storefront_core` and `storefront_controllers` cartridges. Which cartridge path meets the project requirements?

A

app_project:storefront_controllers:storefront_core

B

app_project:client_project:storefront_controllers:storefront_core

C

storefront_core:storefront_controllers:client_project:app_project

D

client_project:app_project:storefront_controllers:storefront_core

79.

Given the customer basket described below:

- A customer has an existing basket that consists of multiple items.

- One of the items is identified as a gift item by an attribute at the product line item.

The developer needs to write custom code to fetch the customer basket and then modify the basket based

upon the items in the cart. If the basket contains any gift items, modify the basket and create a separate shipment for the gift item.

Four hooks are required to make the modification, beginning with `modifyGETResponse` and ending with `validateBasket`.

1. `dw.ocapi.shop.basket.modifyGETResponse`

2. -- missing hook --

3. -- missing hook --

4. `dw.ocapi.shop.basket.validateBasket`

What are the two missing hooks on the middle? (Choose two.)

A

dw.ocapi.shop.basket.shipment.beforeDELETE

B

dw.ocapi.shop.basket.shipment.afterDELETE

C

dw.ocapi.shop.basket.shipment.beforePOST

D

dw.ocapi.shop.basket.shipment.beforePATCH

80.

A Digital Developer is working in a sandbox on a site named test-site using the domain test.demandware.net. The Developer needs to compile a url to make an Open Commerce API (OCAPI) request that returns product information.

By default, which URL format is a proper Open Commerce API for Sandbox?

A

https://www.test.com/s/test-site/sfc/shop/products/M1355?client_id=aaa...

B

https://www.test.com/dw/shop/v18_3/products/M1355?client_id=aaa...

C

https://test.demandware.com/dw/shop/products/M1355?client_id=aaa...

D

https://test.demandware.net/s/test-site/dw/shop/v18_3/products/M1355?client_id=aaa...

81.

A job executes a pipeline that makes calls to an external system.

Which two actions prevent performance issues in this situation? (Choose two.)

A

Configure a timeout for the script pipelet.

B

Use asynchronous import or export jobs.

C

Use synchronous import or export jobs

D

Disable multi-threading.

82.

A developer adds a file named ControllerA.js in the cartridge named app_custom_new project. The design calls for this new file to extend functionality from ControllerA.js in app_custom_brand_project. The app_custom_brand_project and app_storefront_base cartridges include additional functionality that is required.

Which cartridge path meets the project requirements?

A

app_custom_new_project:app_custom_brand_project:app_storefront_base

B

app_custom_new_project:app_storefront_base:app_custom_brand_project

C

app_custom_brand_project:app_custom_new_project:app_storefront_base

D

app_storefront_base:app_custom_brand_project:app_custom_new_project

83.

A developer uses the call() instance method of dw.svc.Service to invoke a web service and implemented the callback methods defined by the dw.svc.ServiceCallback class.

Which callback method is required only when invoking a SOAP service?

A

createRequest

B

mockCall

C

initServiceClient

D

parseResponse

84.

The following code performs poorly in the storefront.

```
var productHits =
dw.catalog.ProductSearchModel.getProductSearchHits().getRepresentedProducts();
var results = null;
for (var i = 0; i < productHits.length; i++) {
    var variations = null;
    if (productHits[i].isMaster()) {
        variations = productHits[i].getVariationModel().getVariants();
        for (var j=0; variations.length; i++) {
            if (variations[j].getAvailabilityModel().isOrderable()) {
                results.add(variations[j]);
            }
        }
    } else {
        results.add(productHits[i]);
    }
}
```

Considering best practices, what is the main problem with this code?

A

The code invokes dw.catalog.ProductSearchModel directly. It is more efficient to use the following code and then invoke the method.

```
var ProductsearchModel = require (dw.catalog.ProductsearchModel);
```

B

The code performs post-query processing in an inefficient manner. The nested for-loops should be changed to more efficient code.

C

The code performs post-query processing, which is inefficient and should be avoided

D

The code uses ProductsearchModel, which performs a database search.

85.

A Digital Developer has detected storefront pages being rendered with an error message. After inspecting the log files, the Developer discovered that an enforced quota is being exceeded. What action should the Developer take to stop the quota violation?

A

Rewrite the code that is causing the overage.

B

Change the Business Manager configuration for the quota settings.

C

Take no action, the overage will be resolved when concurrent visitors are reduced.

D

Ask support to remove the quota limit.

86.

A Digital Developer is working on a multi-site realm. A new site requires a different layout for the account

landing page. The business logic and data model remain the same. The existing code is in AccountControl.js and accountlanding.isml in the app_storefront cartridge. The app_storefront cartridge contains code for all other business functions. The cartridge path for the new site is currently int_cybersource:int_paypal:app_storefront.

The Developer creates a new cartridge named app_newsite that contains only the accountlanding.isml template for the new site.

Which modification should be made to the new cartridge path?

A

Set the cartridge path so that app_storefront is before int_cybersource.

B

Set the cartridge path to include only app_newsite.

C

Set the cartridge path so that app_newsite is after app_storefront.

D

Set the cartridge path so that app_newsite is before app_storefront.

87.

A developer is asked to write a log containing the ID and name of the product with a variable named myProduct.

Which snippet of code should be used?

A

```
Logger.warn('The current product is %s with name %s').context  
(myProduct.getID(), myProduct.getName());
```

B

```
Logger.warn('The current product is ${myProduct.getID()} with name  
${myProduct.getName()}');
```

C

```
Logger.warn('The current product is {0} with name {1}'.context  
(myProduct.getID(), myProduct.getName()));
```

D

```
Logger.warn('The current product is {0} with name {1}', myProduct.getID(),  
myProduct.getName());
```

88.

Once the Cache Information tool of the storefront toolkit is enabled, how can a Digital Developer view caching information for a particular component of the page?

A

Hover over the caching icons now present on the storefront.

B

Open the Request Logs to view the caching information.

C

Start a pipeline debugging session and view the caching information provided.

D

Right-click on the component in UX Studio and view the caching properties of the file.

89.

A developer is asked to improve the maintainability of a page by reducing its code repetition.

What are two techniques the developer should implement to achieve this? (Choose two.)

A

Require and render templates with <isscript> tags

B

Use local template includes

C

Implement template decorators paired with replace tags

D

Embed partial files using ISML expressions

90.

A Digital Developer is inspecting the weekly service status report for a critical internally-hosted web service used in the application and notices that there are too many instances of unavailability. Which two solutions are possible options to reduce the unavailability of the service? (Choose two.)

A

Modify the code that makes the request to the external service to be wrapped in a try / catch block.

B

Change the code that makes the request to set the throwOnError attribute, of the service, to be true.

C

Increase the web service time out.

D

Update the external service to have a faster response time.

91.

A Digital Developer needs to check for product inventory in a specific inventory list using the Open Commerce API.

An example request URL is:

```
http://sitegenesis.demandware.net/dw/data/v18_3/inventory_lists/  
ecom-inventory/product_inventory_records/00883408601
```

Which resource_id value enables the appropriate resource?

A

/inventory_lists/*

B

/products/*

C

/inventory_lists/**

D

/inventory_list_search

92.

A merchant has a requirement to render personalized content on a category page via a Content Slot that targets VIP high-spending customers during a specific promotional period.

Which two items should the developer create to achieve the specified requirements? (Choose two.)

A

Page Template

B

Rendering Template

C

Slot Configuration

D

VIP Customer Group

93.

Universal Containers wants to associate a region code value with an order to indicate the general area of its destination. This region code must be accessible whenever the order history is displayed. What is required to accomplish this?

A

Store the region code value in the geolocation system attribute of the Order.

B

Store the region code value in a session variable.

C

Define a custom attribute on the Order system object type to store the region code value.

D

Define a custom object type to store the username with the region code.

94.

A Digital Developer extends a system object, Product, and adds a Boolean attribute, "sellable," to it.

Assuming "prod" is the variable name handling the product, what code can the Developer use to access it?

A

prod.sellable

B

prod.persistable.sellable

C

prod.custom.sellable

D

prod.extended.sellable

95.

Universal Containers created a site export file from staging in the global export directory. How should the Digital Developer update their sandbox using this staging site export file?

A

Use the Site Development > Site Import & Export Business Manager module.

B

Perform a data replication from staging.

C

Download the site export file and use UX Studio to transfer the data to the sandbox.

D

Use the Site Development > Import & Export Business Manager module.

96.

A retailer notices that the Account Addresses page is showing the wrong shopper's address.
Which tool should the developer start with to identify the issue?

A

Code Profiler

B

Reports and Dashboards module

C

Pipeline Profiler

D

Storefront Toolkit

97.

Why should a Digital Developer use `ProductsearchModel.getProducts()` instead of `Category.getOnlineProducts()` to access products?

A

It uses the search index.

B

It has fewer lines of code.

C

It is more readable code.

D

It reduces accesses to the application server.

98.

Which three techniques improve client-side performance in production while following documented best practices? (Choose three.)

A

Place CSS outside of templates.

B

Compress CSS.

C

Use one style sheet for each ISML decorator template.

D

Use inline Javascript.

E

Combine several images into a single image.

99.

Given a template rendered by a controller with caching and a remote include without caching, which situation applies?

A

The page is cached only for returning customers because of the remote include

B

The page is not cached because the remote include introduces an uncached portion

C

Both the remote include portion and the rest of the page are cached

D

The remote include portion is not cached, but the rest of the page is cached

100.

Universal Containers needs to have Apple Pay disabled for the country of Spain.
Which Business Manager module should the Developer use to meet this requirement?

A

Merchant Tools > Site Preferences > Apple Pay

B

Merchant Tools > Ordering > Payment Methods

C

Merchant Tools > Ordering > Payment Processors

D

Merchant Tools > Site Preferences > Payment Types

101.

Given a B2C Commerce client with these specifics:

- Sells in two different countries: US and IN

- Uses only the English language

A developer has a requirement to add a new field to the IN registration form that must not appear in the

US

one.

Which path should be created to accomplish this requirement?

A

cartridge/forms/in/profile.xml

B

cartridge/forms/profile_en_IN.xml

C

cartridge/forms/en_IN/profile.xml

D

cartridge/forms/profile_in.xml

102.

A Digital Developer has been given a requirement to add fault tolerance to an existing web service integration that uses Service Framework. Administrators at Universal Containers need to be able to configure the timeout and rate limiting.

Which approach should the Developer use to implement the requirement?

A

Create a site preference to store timeout settings and implement an IOException handler to execute fallback code.

B

Implement a ServiceUnavailableException exception handler to execute fallback code.

C

Implement a condition that checks to see if the response was empty and execute fallback code if true.

D

Use the setTimeout method to execute fallback code if the request has NOT completed.

103.

Universal Containers has expanded its implementation to support German with a locale code of de. The current resource bundle is checkout.properties.

To which file should the developer add German string values?

A

de_checkout.properties in resources folder

B

checkout.properties in the default locale folder

C

checkout_de.properties in resources folder

D

checkout.properties in the de locale folder

104.

Which three configurations does a developer need to ensure to have a new product visible in the Storefront? (Choose three.)

A

The product is online and searchable

B

The product has a price

C

The product has a master product

D

The search index is built

E

The Storefront catalog that contains the product is assigned to a site

105.

Which method is efficient and scalable because it uses the product search index rather than searching the database?

A

ProductVariationModel.getVariants()

B

ProductsearchModel().getProductSearchHits()

C

ProductIndexModel.getOrderableProductsOnly()

D

ProductAvailabilityModel.isOrderable()

106.

Universal Containers specifies a new category hierarchy for navigating the digital commerce storefront.

A

Digital Developer uses Business Manager to manually create a catalog with the specified category hierarchy, then uses the Products & Catalogs > Import & Export module to export the catalog as a file. How can other Developers with sandboxes on the same realm create the same catalog in their own sandboxes?

A

Use the import capability of the Site Import & Export module of Business Manager.

B

Use Business Manager to upload and import a copy of the export file obtained from the original Developer.

C

Use the remote upload capability of the Site Import & Export module of Business Manager.

D

Use the Business Manager Data Replication module to replicate the catalog from the original Developer's sandbox.

107.

A Digital Developer must give users the ability to choose an occasion (holiday, birthday, anniversary, etc.) for which gifts are currently being selected. The data needs to be persistent throughout the current shopping experience.
Which data store variable is appropriate, assuming there is no need to store the selection in any system or custom objects?

A

Session scope variable

B

Page scope variable

C

Request scope variable

D

Content slot variable

108.

A Digital Developer selects "Show Orderable Products Only" in the Search > Search Preferences Business Manager module.
Which business goal does this accomplish?

A

Exclude pre-order products from search results.

B

Block displaying the product detail page if Available to Sell (ATS) = 0.

C

Exclude back-ordered products from showing on the website.

D

Exclude products from search results if Available to Sell (ATS) = 0.

109.

Administration > Sites > Manage Sites > RefArch - General

General Settings Cache Site Status Page Meta Tag Rules

RefArch - General

Fields with a red asterisk (*) are mandatory. Click Apply to save the details. Click Reset to revert to the last s

ID:	RefArch
Name:*	RefArch
Time Zone:*	Etc/UTC
Default Currency:*	US Dollar
Taxation:*	Net
Customer List:*	RefArch
Brand:	
Billing Entity:	
Description:	

Given a site called RefArch that has the settings shown, what must be done for RefArch to use the same customer list as RefArchGlobal?

A

Select RefArchGlobal in the dropdown for Customer List

B

Enable "Customer List Sharing" in Global Preferences

C

Import the RefArchGlobal customer list into the RefArch site

D

Enable "Customer List Sharing" in Site Preferences

110.

Below is a form definition snippet from the newsletter.xml file.

```
<?xml version="1.0"?>
<form xmlns="http://www.demandware.com/xml/form/2008-04-19">
    <field formid="email" lable="Email:" type="string" mandatory="true" max-length="50" />
</form>
```

Which line of code creates a JSON object to contain the form data?

A

```
server.form.getForm('newsletter')
```

B

```
server.forms.getForm('newsletter')
```

C

```
server.form.getForm('dwfrm_newsletter')
```

D

```
server.forms.getForm('dwfrm_newsletter')
```

111.

Which three object types can a developer import using the Merchant Tools > Content > Import & Export module in Business Manager? (Choose three.)

A

Content slots

B

Products

C

Folders

D

Content assets

E

Images and other static assets

112.

A Digital Developer needs to store information temporarily and decides to create a custom object.
Which code creates a custom object?

A

```
CustomObject.createCustomObject(primaryKey,CustomObjectType);
```

B

```
CustomObject.createCustomObject(CustomObjectType,primaryKey);
```

C

```
CustomObjectMgr.createCustomObject(CustomObjectType,primaryKey)
```

D

```
CustomObjectMgr.createCustomObject(primaryKey);
```

113.

A developer is given a task to implement a new Page Designer layout component that doesn't accept certain asset components.

How should the developer achieve the above task?

A

Add layout_type_exclusion in the other asset components json configuration

B

Add layout_type_inclusion in the target components json configurations

C

Add component_type_inclusion in the layout json configuration

D

Add component_type_exclusions in the layout json configuration

114.

A developer working on a multi-country site is asked to store country-specific data that drives the creation of a country selector. Examples of the data stored are:

- Pricebook to be used
- Image URL for country flag

The data used in staging also applies in production, but only for this site. Which approach should the developer take to implement these requirements?

A

Extend the Locale System Object to contain the custom data for each country

B

Create site-specific content assets to store the data for each country

C

Create a replicable, organization scope Custom Object with the custom data for each country

D

Create a replicable, site-specific Custom Object with the custom data for each country

115.

The following code ensures that an address ID CANNOT be used if it is already in use by another address in the customer's address book. There is a problem with the code. The error message for an invalid address ID is never shown to the user on the form field.

```
if (address.ID !== addressForm.addressid.value) {
    for (var i = 0; i < addressBook.addresses.length; i++) {
        if (addressBook.addresses[i].ID === addressForm.addressid.value) {
            addressForm.invalidateFormElement();
            throw new Error('Address name already exists');
        }
    }
}
```

How should the Digital Developer resolve this issue so that the error message is displayed on the address ID form field?

A

```
addressForm.invalidateFormElement(addressForm.addressid);
```

B

```
addressForm.invalidateFormElement("addressid");
```

C

```
addressForm.addresssid.invalidateFormElement();
```

D

```
addressForm.addresssid.invalidateFormElement = true;
```

116.

A Digital Developer has a new requirement to disable the "Discover" credit card type for all checkouts. What does the Developer need to change in Business Manager to fulfill this requirement?

A

Credit card exclusion rules in the Merchant Tools > Site Preferences > Payment Preferences module.

B

Checkout exclusion rules in the Merchant Tools > Site Preferences > Checkout Preferences module.

C

Credit cards in the Merchant Tools > Ordering > Payment Methods module.

D

Credit card exclusion rules in the CreditCardType.json configuration file.

117.

Business Manager has the configuration:

- Active Log category is "root"

- Log level of INFO

The code below executes.

```
var log = Logger.getLogger("products", "export");
log.info("This is important information");
```

Using this information, what is the beginning of the filename in which the log will be written?

A

products

B

custom-export

C

info-export

D

custom-products

118.

A Digital Developer has been given a specification to integrate with a REST API for retrieving weather conditions. The service expects parameters to be form encoded.

Which service type should the Developer register?

A

SOAP

B

HTTP Form

C

FTP

D

WebDAV

119.

A client sells its product in single-brand stores as well as in multi-brand stores. When shown in the store locator list, the client wants the single-brand stores to have a particular background color to highlight them.

Which Business Manager action should be completed to allow the developer to apply different styling to the single-brand stores?

A

Adjust the relevant Site Preference in the Stores group

B

Add a Boolean custom attribute to the Store system object

C

Configure the existing Store custom object type definition

D

Create a new SingleBrandStore custom object configuration

120.

A client that sells to multiple countries in Europe needs to disable Apple Pay for Denmark. Which Business Manager module is used to achieve this requirement?

A

Locale Payments

B

Apple Pay

C

Payment Processors

D

Payment Methods

121.

A Digital Developer creates a B2C Commerce server connection in their UX Studio workspace. The Developer adds new cartridges to the workspace, but the cartridges do NOT execute as the Developer expects.

Which three things should the Digital Developer verify to ensure the cartridges are uploaded? (Choose three.)

A

The cartridge is for the current version of B2C Commerce.

B

The Active Server setting is enabled for the server connection.

C

The server is configured to accept incoming connections.

D

The Auto-Upload setting is enabled for the server connection.

E

The credentials for the server connection are correctly entered.

122.

In Log Center, a developer notes a number of Cross Site Request Forgery (CSRF) log entries. The developer knows that this happens when a CSRF token is either not found or is invalid, and is working to remedy the situation as soon as possible.

Which two courses of action might solve the problem? (Choose two.)

A

Add the token in the ISML template

B

Add csrfProtection.generateToken as a middleware step in the controller

C

Delete the existing CSRF whitelists in Business Manager

D

Extend the CSRF token validity to avoid timeouts

123.

A NewsletterSubscription custom object exists that has a key attribute named email of type String and the following script code.

```
var CustomObject = dw.object.CustomObjectMgr.createCustomObject  
('NewsletterSubscription' newsletterForm.email.value);
```

However, the NewsletterSubscription custom object is not persisted. What is a possible reason?

A

The code shown needs to be wrapped in a try/catch block

B

The code shown is the wrong syntax. The correct syntax is:

```
var CustomObject = dw.object.CustomObjectMgr.createCustomObject  
(newsletterForm.email.value 'NewsletterSubscription');
```

C

The code shown needs to be wrapped in a transaction.

D

The code shown is the wrong syntax. The correct syntax is:

```
var CustomObject = dw.object.CustomObjectMgr.createCustomObject  
('NewsletterSubscription' 'email' newsletterForm.email.value);
```

124.

Which line of code creates a content slot that can be included on homepage.isml to display on the home page?

A

```
<isslot id="my_banner" description="for home page" type="global" context="homepage"/>
```

B

```
<isslot id="my_banner" description="for home page" context="global" context-object="${pdict.CurrentHomePage}"/>
```

C

```
<isslot id="my_banner" description="for home page" type="global" context="content" context-object="${pdict.ContentSearchResult.content}"/>
```

D

```
<isslot id="my_banner" description="for home page" context="global">
```

125.

A Digital Developer must resolve a performance issue with product tiles. The Developer determines that the product tiles are NOT being cached for a long enough period.

Which two methods can the Developer use to verify the cache settings for the product tiles? (Choose two.)

A

View the cache information provided by the Merchant Tools > Technical Reports Business Manager module.

B

Enable the template debugger to verify the cache times for the producttile.isml template.

C

View the product list page cache settings provided in the Administration > Manage Sites Business Manager module.

D

Enable cache information in the storefront toolkit and view the cache information for the product tile.

126.

A Digital Developer wants to selectively retrieve products and process them from an iPhone. Which action should the Developer take, given that JavaScript controllers CANNOT be used?

A

Use WebDAV Client to retrieve products.

B

Create a webservice to retrieve products.

C

Use import/export in Business Manager.

D

Use OCAPI and invoke it in native language.

127.

A merchant has a new requirement to accept American Express credit cards on its Storefront. A credit card

payment method already exists.

Which step must a developer take in Business Manager to achieve this?

A

In Payment Methods, enable American Express as a credit card type

B

In Payment Processor, create American Express as a payment type

C

Add American Express as a Payment Preference in Site Preferences

D

Add American Express into the Order settings in Site Preferences

128.

A Storefront is designed so that multiple pages share a common header and footer layout.

Which ISML tag should a developer use on the templates for these pages to avoid code repetition in the most effective way?

A

<iscontent>...</iscontent>

B

<isinclude>...</isinclude>

C

<isreplace>...</isreplace>

D

<isdecorate>...</isdecorate>

129.

A Digital Developer is implementing an Open Commerce API call to add products to a basket. Given the following resource configuration:

```
{  
    "resource_id": "/baskets/**",  
    "methods": ["get"],  
    "read_attributes": "(**)",  
    "write_attributes": "(**)"  
}
```

Which modification allows the requests to successfully execute?

A

Change the "resource_id" value to: "/baskets/*/items".

B

Change the "read_attributes" value to: "(items)".

C

Change the "methods" value to: ["get", "post"].

D

Change the "write_attributes" value to: "(+items)".

130.

A Digital Developer has a site export file on their computer that needs to be imported into their sandbox. How should the developer update their sandbox with the data in this file?

A

Upload and import the file using the local option within the Site Import & Export Business Manager module.

B

Connect and import the file using the remote option within the Site Import & Export Business Manager module.

C

Upload the file to the Impex WebDAV directory and import using the Site Import tool within UX Studio.

D

Upload the file to the Static WebDAV directory and import using the Import & Export Business Manager module.

131.

Universal Containers wants to give customers the ability to refine product search results by a product custom attribute, weightCapacity.

Which series of steps should a Digital Developer take to show this refinement on the storefront?

A

Define a search refinement for weightCapacity, then clear the page cache segment for Search>Show.

B

Define search-suggestion buckets for weightCapacity, then rebuild the product search index.

C

Define a sorting rule for weightCapacity, then rebuild the product search index.

D

Define a search refinement for weightCapacity, then rebuild the product search index.

132.

What happens if the log file size limit is reached in custom logging?

A

Logging is suspended for the day.

B

Logging is suspended for two hours.

C

The log file is deleted and recreated from scratch.

D

The log file rolls over and the last used log is overwritten.

133.

A digital instance has one site, with one master product catalog separate from the site catalog. Some, but

NOT all, products in the master catalog are assigned to categories of the site catalog.

Using Business Manager, how can a Digital Developer create a catalog export file that contains only the products assigned to the site catalog?

A

Use the Catalog Export module to export the master catalog, with a category-assignment search to export specific products.

B

Use the Catalog Export module to export the site catalog.

C

Use the Site Import & Export module to export the master catalog, filtered by site catalog categories to export specific products.

D

Use the Site Import & Export module to export both the site catalog and the master catalog in a single archive.

134.

When exporting a site catalog from an external system, which file format or formats should a developer use so it can be imported into a B2C Commerce site?

A

XML only

B

XML and JSON

C

CSV only

D

JSON only

135.

A developer is writing a server side script that needs to maintain state across calls. The persistent information needed includes these items.

- The current customer
- Whether or not the customer is authenticated
- The privacy attributes (such as tracking consent or cookie policy)

Which technique should the developer use to maintain state in an efficient and scalable manner that follows best practice?

A

Use an SFRA controller. Because it runs server-side, the state is automatically maintained

B

Use the Session class, and its additional class references and attributes, in the B2C Commerce API

C

Use a client-side cookie to store the information for the session duration

D

Use a non-replicable Custom Object to store the information temporarily

136.

Universal Containers is preparing their storefront to use Open Commerce APIs (OCAPI).

To which hook should the Digital Developer move taxation logic to ensure consistent order totals within B2C Commerce?

A

dw.ocapi.shop.order.validateOrder

B

dw.ocapi.shop.basket.afterPostShipment

C

dw.ocapi.shop.order.afterPOST

D

dw.ocapi.shop.basket.calculate

137.

Which technical reports datapoint measures the performance of a controller's script execution if network factors and Web Adaptor processing is ignored?

A

Processing time

B

Response time

C

Call count

D

Cache hit ratio

138.

Universal Containers calls the following combination of products "The Basics" and sells the combination as a unique product ID:

- One Model 103 container

- Five Model 611 container

- Tree Model 201 container

The Developer created these three products in the catalog.

What is the next step in Business Manager to create "The Basics" as a combination?

A

In the Product Sets module, create a product set named "The Basics".

B

In the Products module, create a product named "The Basics" and add the products to the Product Sets tab.

C

In the Product Bundles module, create a bundle named "The Basics".

D

In the Products module, create a product named "The Basics" and add the products to the Product Bundles tab.