Question **1**

Correct

1.00 points out of 1.00

Flag question

To ensure that anyone can access a certain screen, you need to...

Select one:

- a. select the Anonymous role on that screen. ✓ It's correct!
- b. modify the SecurityException handler in the Common Flow to allow Anonymous users.
- c. have a condition on the screen's OnInitialize Event Handler that checks the role for the current user.
- d. add a new screen Role to the application and grant it to the Anonymous user.

The correct answer is: select the Anonymous role on that screen.

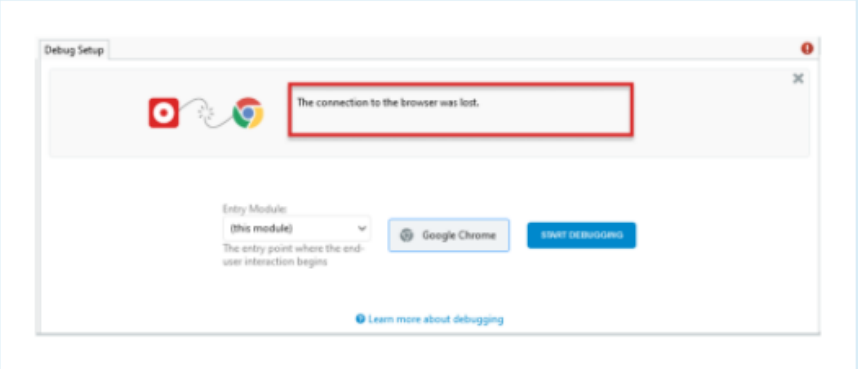
Question **2**

Correct

1.00 points out of 1.00

Flag question

What is one of the reasons for the error *"The connection to the browser was lost."* appear during the debugging process?



Select one:

- a. The Developer didn't add any breakpoint to the code.
- b. The developer is debugging on his Personal and Public Area at the same time.
- c. An exception occurred, during the debugging process.
- d. The browser used for debugging was closed. ✓ It's correct!

The correct answer is: The browser used for debugging was closed.

Question **3**

Correct

1.00 points out of 1.00

Flag question

If we only have ticked the role CustomerManager on a screen...

Select one:

- a. Lucy can access the screen if she has a user and a password.
- b. Lucy can access the screen if she only has the CustomerManager role and no other.
- c. Lucy can only access the screen if she has the CustomerManager role. ✓ It's correct!
- d. anyone can access the screen.

The correct answer is: Lucy can only access the screen if she has the CustomerManager role.

Question **4**

Correct

1.00 points out of 1.00

Flag question

Regarding Client Actions, select the correct answer:

Select one:

- a. A Client Action can execute Aggregates using Server Database Entities.
- b. A Client Action can execute Server Actions. ✓ It's correct!
- c. A Client Action can execute Server Actions only if they are in the same Module.
- d. A Client Action can execute other Client Actions only if the last ones are bound to a Screen.

The correct answer is: A Client Action can execute Server Actions.

Question **5**

Correct

1.00 points out of 1.00

Flag question

Client Actions:

Select one:

- a. Can only execute other Client Action, if it is a Screen Action.
- b. Can execute Server Actions. ✓ It's correct!
- c. Cannot execute Server Actions from other modules.
- d. Can execute Aggregates with Server Database Entities.

The correct answer is: Can execute Server Actions.

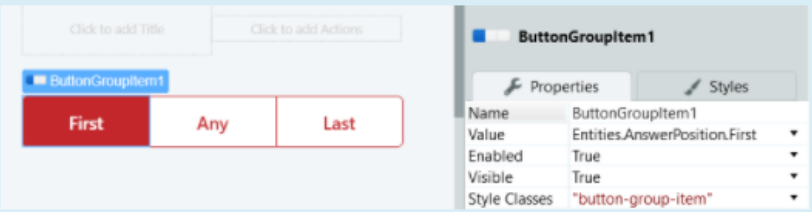
Question **6**

Correct

1.00 points out of 1.00

Flag question

Based on the image below, what should be the Data Type of the variable associated with the ButtonGroup Widget?



Select one:

- a. The variable should be of type Text as client-side the values are always text.
- b. The variable can be of any data type. The platform will convert the option value to the variable data type.
- c. The variable must have a Long Integer type as the base type of the Id Attribute of a Static Entity is always Long Integer.
- d. The variable must be of the same type of the ButtomGroupItem values: AnswerPosition Identifier. ✓ It's correct!

The correct answer is: The variable must be of the same type of the ButtomGroupItem values: AnswerPosition Identifier.

-

Question **7**

Correct

1.00 points out of 1.00

Flag question

How can you make sure that the end-user Sally, who is a StoreManager, can perform not only her management-specific functions but also everything a regular StoreClerk can do?

Select one:

- a. Make the StoreManager role extends from the StoreClerk role.
- b. Also add the StoreClerk role to Sally. ✓ It's correct!
- c. Create a compound role StoreManagerAndClerk that inherits from both the StoreManager role and the StoreClerk role, and assign it to Sally.
- d. Add an IsStoreClerk boolean attribute to the StoreManager role, and make sure it is set to Yes when you assign the StoreManager role to Sally.

The correct answer is: Also add the StoreClerk role to Sally.

Question **8**

Correct

1.00 points out of 1.00

Flag question

Regarding Blocks, select the correct answer.

Select one:

- a. Blocks can be instantiated inside other blocks from a different module. ✓ It's correct!
- b. When a Block's local variable changes its value, the entire Block is always refreshed.
- c. All answers are correct.
- d. Blocks can read and write variables from the screens where they are instantiated.

The correct answer is: Blocks can be instantiated inside other blocks from a different module.

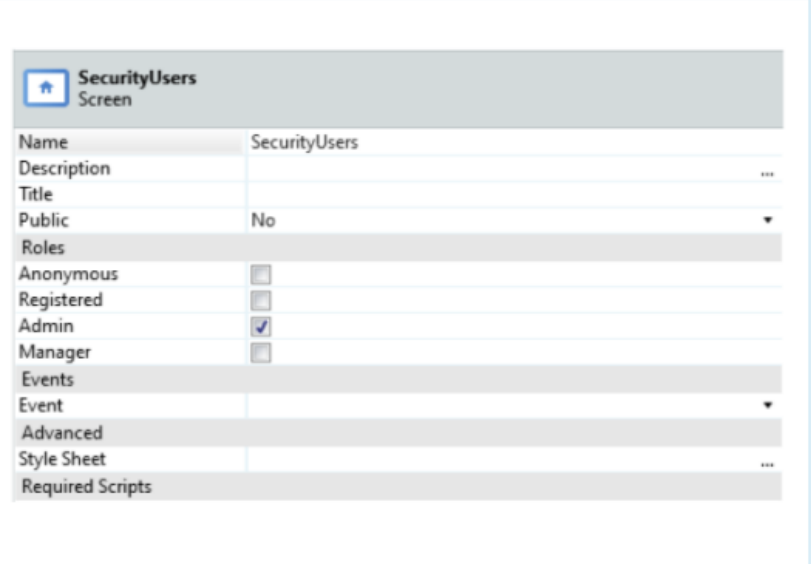
Question **9**

Correct

1.00 points out of 1.00

Flag question

Considering that a Kelly, as a Manager user, requests the **Security Users** screen on the browser. What will be the Server response?



Select one:

- a. The Screen will be sent by the server and the page will be rendered on the Browser.
- b. The Server will raise a Security Exception because Kelly doesn't have enough permissions. It's correct!
- c. The Server will raise a Communication Exception because it expecting the Kelly Admin roles credentials to return the page.
- d. The Server will raise a Database Exception because it can not find the Admin role associated with Kelly.

The correct answer is: The Server will raise a Security Exception because Kelly doesn't have enough permissions.

Question **10**

Correct

1.00 points out of 1.00

Flag question

What is a possible reason for the error below being display to the End-User?

The INSERT statement conflicted with the FOREIGN KEY constraint "OSFRK_OSUSR_FOO_TRAINEES_OSUSR_FOO_GENDER_GENDERID". The conflict occurred in database "FGFGS7013", table "dbo.OSUSR_FOO_GENDER", column 'ID'. The statement has been terminated.

Select one:

- a. The End-User is trying to add an existing Trainee on the Gender List, without selecting the Trainee name, before the Save Button be clicked, so the Trainee Identifier is being sent to the Database as NULL.
- b. The Entity Trainee has the GenderId attribute as a Foreign Key of the Entity Gender, and also marked as a mandatory attribute on the Database. The End-User is trying to save a Trainee without selecting a valid Gender on the Form. ✓ It's correct!
- c. The Developer defined the GenderId as a Mandatory field on the Gender Dropdown widget, and the End-User forgot to selected one valid Gender when he was saving the Trainee Record on the Database.
- d. The Entity Trainee is defined with a Unique Index between Trainee Identifier and Gender Identifier, so in case that an End-User tries to Save a duplicate Record of the Trainee with the same Gender, the error will be displayed.

The correct answer is: The Entity Trainee has the GenderId attribute as a Foreign Key of the Entity Gender, and also marked as a mandatory attribute on the Database. The End-User is trying to save a Trainee without selecting a valid Gender on the Form.

Question **11**

Correct

1.00 points out of 1.00

Flag question

If I have an **AreaChart** on my screen, when will the **OnClick Event** be triggered?

Select one:

- a. When the end-user clicks on the chart, but there must be an event handler for that event.
- b. When the end-user clicks on the chart.
- c. When the end-user clicks on the chart but in the AdvancedFormat the UserInteraction attribute must be specified to True.
- d. When the end-user clicks on the chart, but the Clickable input parameter must be True. It's correct!

The correct answer is: When the end-user clicks on the chart, but the Clickable input parameter must be True.

Question **12**

Incorrect

0.00 points out of 1.00

Flag question

In a screen, if that screen is restricted to registered users...

Select one:

- a. You need custom logic to enforce it.
- b. That restriction is enforced server-side.
- c. The restriction is enforced client-side but the application needs to be online. The answer is not correct.
- d. The restriction is enforced client-side.

The correct answer is: The restriction is enforced client-side.

Question **13**

Correct

1.00 points out of 1.00

Flag question

Which of the fowling **is not** a step to define Navigation in a List widget?

Select one:

- a. Define the Aggregate that fetches your data to be requested only on demand. ✓ It's correct!
- b. Still in the Pagination Widget properties, from the Handler drop-down list box select New Client Action, to handler with the pagination logic.
- c. In the properties of the Aggregate that fetches your data set StartIndex to MyStartIndex, and the Max. Records to MyMaxRecords.
- d. Create MyStartIndex and MyMaxRecords Local Variables of the Integer Data Type on the Screen. Set the default values of these variables.

The correct answer is: Define the Aggregate that fetches your data to be requested only on demand.

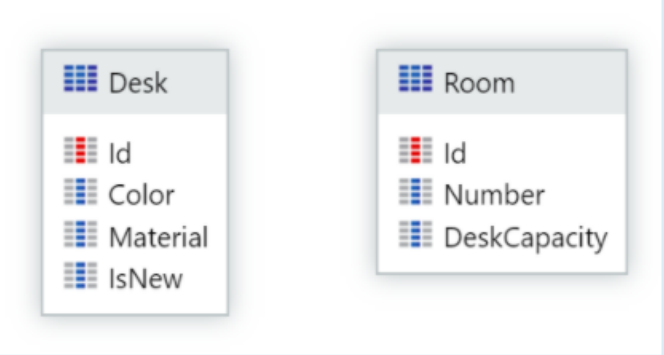
Question **14**

Correct

1.00 points out of 1.00

Flag question

Consider the two entities depicted in the image below, Desk and Room, that represent desks and rooms in a school. If you wanted to model that a Desk is placed inside a specific Room, what would be the best solution:



Select one:

- a. Add a new attribute DeskId, of type Desk Identifier, to Room.
- b. Add a new attribute RoomId, of type Room Identifier, to Desk. ✓ It's correct!
- c. Add a new attribute DeskIds,of type List of Desk Identifier, to Room.
- d. Create a new entity RoomDesks, with two attributes DeskSId and RoomId, respectively of type Desk Identifier and Room Identifier.

The correct answer is: Add a new attribute RoomId, of type Room Identifier, to Desk.

Question **15**

Correct

1.00 points out of 1.00

Flag question

Regarding Server Actions, mark the correct answer.

Select one:

- a. None of the options.
- b. Inside a Server Action, it is possible to redirect the user to another Screen.
- c. It is not possible to add Output Parameters to Server Actions.
- d. You can use loops inside a Server Action. ✓ It's correct!

The correct answer is: You can use loops inside a Server Action.

Question **16**

Correct

1.00 points out of 1.00

Flag question

If a user doesn't have a Role to access a screen...

Select one:

- a. a Security Exception is raised and the Application Server returns to the Browser an HTTP 401 error (forbidden).
- b. a Security Exception is raised and the On Exception action will redirect the user to another screen. ✓ It's correct!
- c. a Security Exception is raised and the Application Server returns to the Browser an HTTP 400 error (not authorized).
- d. a Security Exception is raised and the On Exception action will show a pop up with an error message.

The correct answer is: a Security Exception is raised and the On Exception action will redirect the user to another screen.

Question **17**

Correct

1.00 points out of 1.00

Flag question

Regarding updating a record in a Database Entity, it is correct to say:

Select one:

- a. When done from a Client Action, connects directly from the Device to the Database Server.
- b. It generates a Web Service Call to the Server if done directly from a Client Action. ✓ It's correct!
- c. Can only be done from a Server Action.
- d. Can be done from a Client Action, but not directly from a Client Action bound to a screen.

The correct answer is: It generates a Web Service Call to the Server if done directly from a Client Action.

Question **18**

Correct

1.00 points out of 1.00

Flag question

The After Fetch event:

Select one:

- a. Is triggered after an Aggregate finishes fetching data. ✓ It's correct!
- b. Only happens after a Data Action finishes fetching data.
- c. Happens after fetching new data through synchronization.
- d. Always happens after a new screen is requested.

The correct answer is: Is triggered after an Aggregate finishes fetching data.

Question **19**

Correct

1.00 points out of 1.00

Flag question

The DoLogin Action...

Select one:

- a. Is a Server Action that will only run when the application is online. ✓ It's correct!
- b. Is a Server Action that will return a cached value if the application is offline.
- c. Is called on every screen, at the OnInitialize event.
- d. Is a Client Action that will be called when the end-user provides a username and password.

The correct answer is: Is a Server Action that will only run when the application is online.

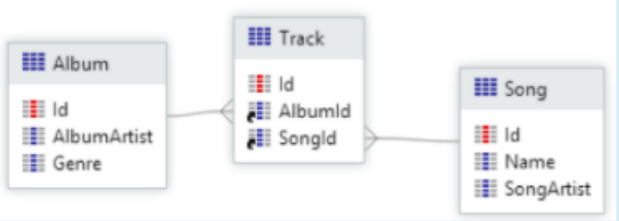
Question **20**

Correct

1.00 points out of 1.00

Flag question

Given the following model, how can you guarantee that an album does not have any repeated songs?



Select one:

- a. On entity Track, create a new Unique Index for attributes AlbumId and SongId. ✓ It's correct!
- b. On entity Track, set the Is AutoNumber property of the SongId attribute to Yes.
- c. Set the Allow Duplicates property of the Track entity to No.
- d. On entity Track, create a new Unique Index for attribute AlbumId.

The correct answer is: On entity Track, create a new Unique Index for attributes AlbumId and SongId.

Question **21**

Correct

1.00 points out of 1.00

Flag question

After you create an Action in one module, to be consumed in other modules, what needs to be done, to guarantee that you will not have any trouble finding the Action when executing the Management Dependencies?

Select one:

- a. All the options are valid. ✓ It's correct!
- b. If the output of the Action is a Structure that is created in the same module that the Action, the Structure needs to be Public as well.
- c. The new Action must be Public on the Producer module before you try to consume it in other modules.
- d. First, publish the Producer module with the new Action, before open the Management Dependencies on Consumer module.

The correct answer is: All the options are valid.

Question **22**

Correct

1.00 points out of 1.00

Flag question

If I have an Entity Order that can have records in several different statuses (e.g. In progress, Checked Out, Shipped), where should the status be defined:

Select one:

- a. They must be defined in a Screen.
- b. They can be defined in an Aggregate.
- c. They can be defined in a Static Entity. ✓ It's correct!
- d. They must be defined in a Screen Action.

The correct answer is: They can be defined in a Static Entity.

Question **23**

Correct

1.00 points out of 1.00

Flag question

When you use Session login...

Select one:

- a. You can not use Session login in Reactive applications.
- b. You set it in the SetSessionLogin action of the Login screen.
- c. Authentication is lost when the application tries to reach the Server after the session timeout. ✓ It's correct!
- d. Users are logged in until they log out.

The correct answer is: Authentication is lost when the application tries to reach the Server after the session timeout.

Question **24**

Correct

1.00 points out of 1.00

Flag question

You have an Entity Project with an Attribute Name. The Attribute data type is Text, and the 'Is Mandatory' property is set to Yes. If you try to insert a record in this Entity, using the CreateProject Entity Action, without defining a value for this Attribute, what happens?

Select one:

- a. An exception raises as the 'Is Mandatory' property set to Yes creates a constraint in the Database.
- b. You can insert records without specifying a value for that Attribute but it will give you a warning.
- c. The Database ignores the 'Is Mandatory' property as it is only metadata. The record receives NULL for the Name Attribute.
- d. The Database ignores the 'Is Mandatory' property as it is only metadata. The record receives a Default Value for the Name Attribute. ✓ It's correct!

The correct answer is: The Database ignores the 'Is Mandatory' property as it is only metadata. The record receives a Default Value for the Name Attribute.

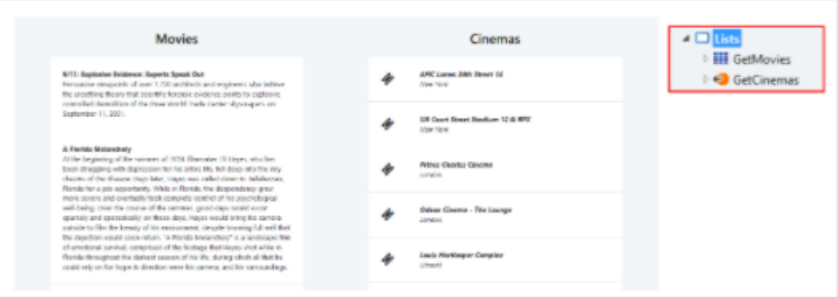
Question **25**

Correct

1.00 points out of 1.00

Flag question

Having in consideration that the Movies list is bound to an Aggregate, and the Cinemas List is bound to a Data Action, which of the List the Screen will display to the End-User first?



Select one:

- a. Data Actions are requested and fetched first that Aggregates.
- b. Aggregates are always requested and fetched first.
- c. The one that is defined with 'Fetch Data on Demand', it will be the first to have the List rendered.
- d. By default, both will be requested at the same time, however, it is not possible to know, each of the queries will be fetched first. ✓ It's correct!

The correct answer is: By default, both will be requested at the same time, however, it is not possible to know, each of the queries will be fetched first.

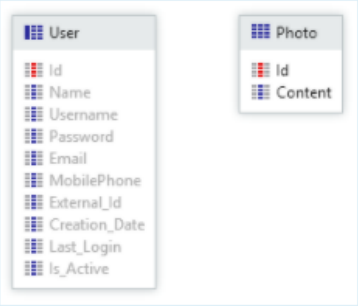
Question **26**

Correct

1.00 points out of 1.00

Flag question

Given the system's User entity and a Photo entity, as depicted in the image below, what is the best way to model that a User may have a unique profile photo?



Select one:

- a. Create a Profile Entity with attributes PhotoId and UserId, of types Photo Identifier and User Identifier respectively.
- b. Add to the Photo Entity a UserId attribute, of type User Identifier.
- c. Add to the User Entity a PhotoId attribute, of type Photo Identifier.
- d. Change the Photo Entity's Id attribute to be of type User Identifier. ✓ It's correct!

The correct answer is: Change the Photo Entity's Id attribute to be of type User Identifier.

Question **27**

Correct

1.00 points out of 1.00

Flag question

When does a Client Variable reset to its default value?

Select one:

- a. Never. Client Variables are similar to Site Properties.
- b. Whenever the User signs out of the application. ✓ It's correct!
- c. Immediately when the Login Session times out.
- d. Whenever the User signs in the application.

The correct answer is: Whenever the User signs out of the application.

Question **28**

Correct

1.00 points out of 1.00

Flag question

Related with Automatically Exceptions, select the **CORRECT** option:

Select one:

- a. All exceptions are automatically thrown by the platform.
- b. Not Is Manager, Is Manager, User Exceptions.
- c. Database, Communication, and Security Exceptions. ✓ It's correct!
- d. All exceptions need to be defined manually inside the Actions flow.

The correct answer is: Database, Communication, and Security Exceptions.

Question **29**

Correct

1.00 points out of 1.00

Flag question

Complete the sentence:

The _____ always happens before data from an Aggregate is rendered.

Select one:

- a. After Fetch event. ✓ It's correct!
- b. Ready event.
- c. Initialize event.
- d. Render event.

The correct answer is: After Fetch event.

Question **30**

Correct

1.00 points out of 1.00

Flag question

Regarding the Entity Action CreateBooking, it is correct to say:

Select one:

- a. Its purpose is to create a new record in the entity Booking, and nothing else. ✓ It's correct!
- b. It can be used to delete a record in the entity Booking if you pass an empty record to it.
- c. None of the options.
- d. It can also be used to update a record in the entity Booking if you provide a valid Identifier.

The correct answer is: Its purpose is to create a new record in the entity Booking, and nothing else.

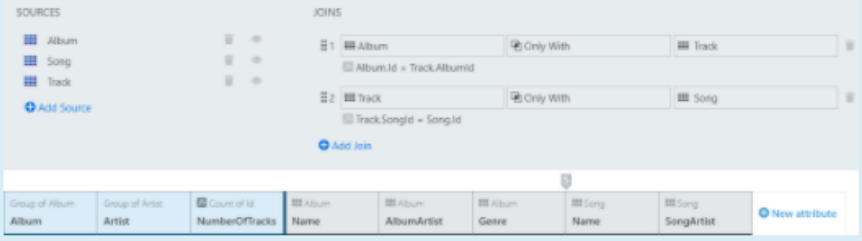
Question **31**

Correct

1.00 points out of 1.00

Flag question

Consider the Aggregate definition shown in the following image. What will be the Attributes present in the Output List of the Aggregate?



Select one:

- a. Only Album, Artist, and NumberOfTracks. ✓ It's correct!
- b. Name, AlbumArtist and Genre from the Entity Album, and Name and SongArtist from the Entity Song.
- c. All the attributes from all the Aggregate Source Entities.
- d. Only the eight Attributes visible in the image.

The correct answer is: Only Album, Artist, and NumberOfTracks.

Question **32**

Correct

1.00 points out of 1.00

Flag question

How can you grant the StoreManager role to a user?

Select one:

- a. All the other options can be used to grant the StoreManager role to a user. ✓ It's correct!
- b. In an OutSystems application use the GrantStoreManagerRole() action and pass it that user's Id.
- c. In the Users application explicitly assign the StoreManager role to the user.
- d. In the Users application add the user to a Group that has the StoreManager role.

The correct answer is: All the other options can be used to grant the StoreManager role to a user.

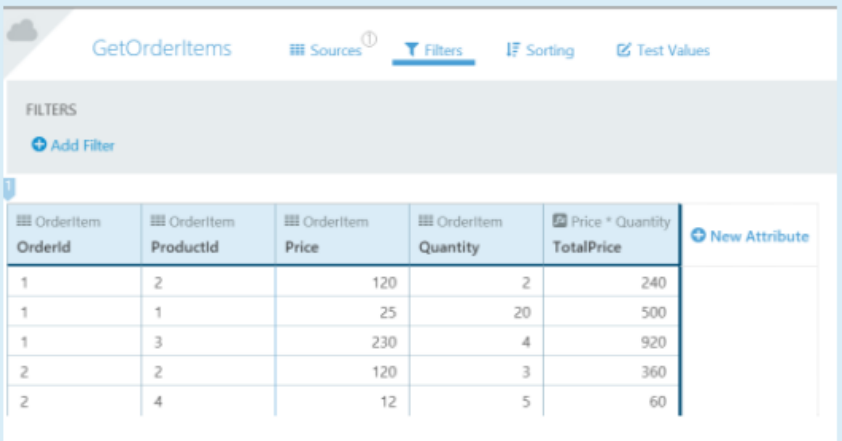
Question **33**

Correct

1.00 points out of 1.00

Flag question

Given the following Aggregate, how would you modify it to return, for each product, the highest quantity purchased in any single order, and the average price of the product?



OrderItem OrderId	OrderItem ProductId	OrderItem Price	OrderItem Quantity	Price * Quantity TotalPrice
1	2	120	2	240
1	1	25	20	500
1	3	230	4	920
2	2	120	3	360
2	4	12	5	60

Select one:

- a. Group the results by OrderId, apply the Max function to Quantity, and the Avg function to Price.
- b. Add a new computed attribute called AveragePrice, with its Formula set to Avg(Price, GroupBy: ProductId), and sort the results by Quantity.
- c. Group the results by ProductId, and then apply the Max function to Quantity and the Avg function to Price. ✓ It's correct!
- d. Create a new Filter with Max(Quantity) = OrderItem.Quantity, and then group by ProductId and apply the Avg function to Price.

The correct answer is: Group the results by ProductId, and then apply the Max function to Quantity and the Avg function to Price.

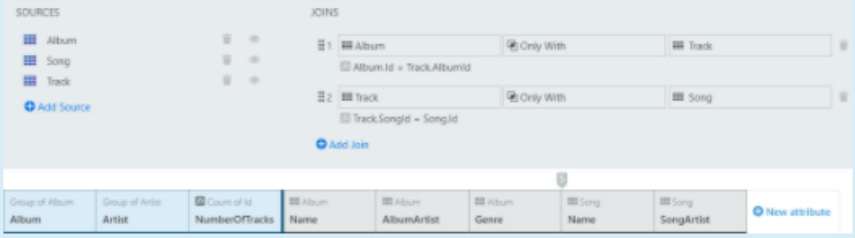
Question **34**

Correct

1.00 points out of 1.00

Flag question

Consider the following Aggregate definition. If **there are no Tracks on an Album**, what will the output be?



Select one:

- a. An empty record list with the blue-colored attributes only. It's correct!
- b. A record list with a single item composed with the blue-colored attributes. NumberOfTracks will be 0.
- c. A record list with a single item composed by the visible grey-colored attributes. The Song's Name and SongArtist will be empty, though.
- d. A record list with a single item composed by all the source entities: Album, Song, and Track. Album information will be returned, Song and Track will be empty.

The correct answer is: An empty record list with the blue-colored attributes only.

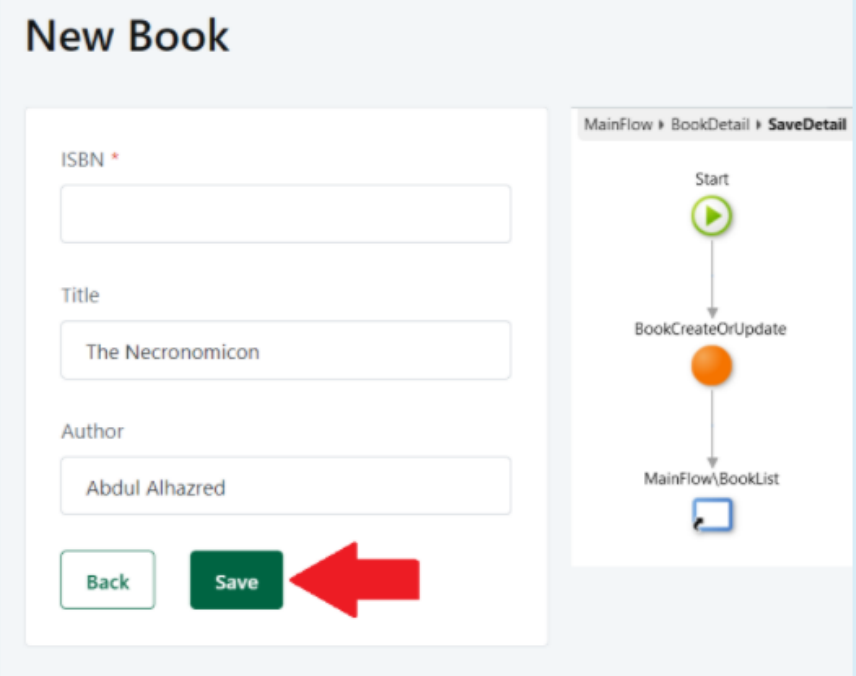
Question **35**

Correct

1.00 points out of 1.00

Flag question

Consider the following form where the Save button is bound to the Save action shown on the image. Knowing that the Save button does **not have** Built-in Validation, what happens when the end-user presses the Save button?



Select one:

- a. The book is not created and the ISBN field will have a validation message indicating that it is a required field.
- b. The book is created with an automatically generated ISBN, different from empty text, and the user is redirected to the BookList screen.
- c. The book is created and the user is redirected to the BookList screen, but the ISBN value stored in the record will be an empty text. ✓ It's correct!
- d. The book is not created and the user will be redirected to an internal error Screen.

The correct answer is: The book is created and the user is redirected to the BookList screen, but the ISBN value stored in the record will be an empty text.

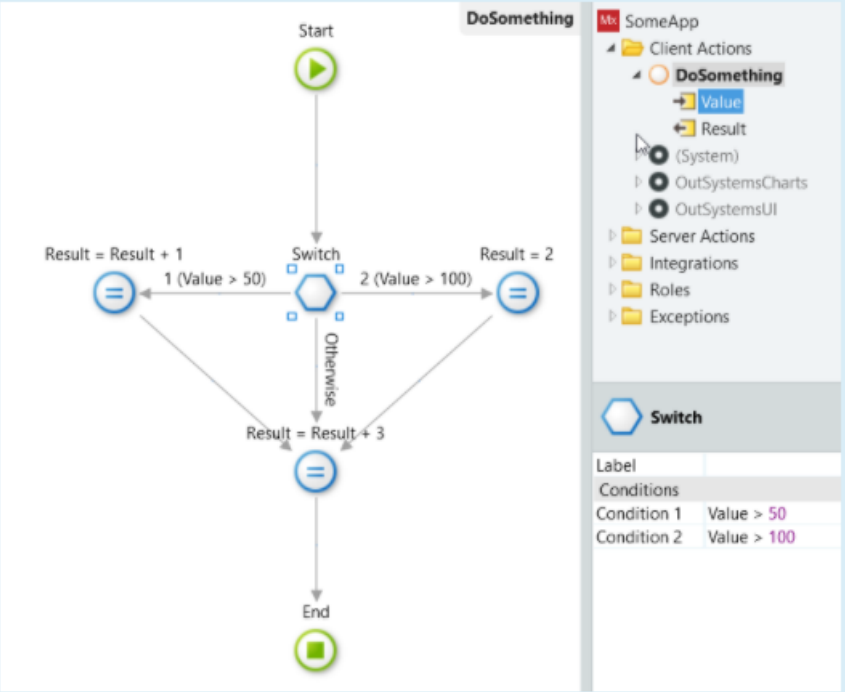
Question **36**

Correct

1.00 points out of 1.00

Flag question

Based on the image below, if Value is 150 and Result is initialized with 0, what will be the Result?



Select one:

- a. The Result will be 3.
- b. The Result will be 4. ✓ It's correct!
- c. The Result will be 2.
- d. The Result will be 1.

The correct answer is: The Result will be 4.

Question **37**

Correct

1.00 points out of 1.00

Flag question

Of the following statements about Server Actions, which one is **False**?

Select one:

- a. If the Function property is set to No, the action may or may not have output parameters.
- b. If the Function property is set to Yes, the action can be part of an expression.
- c. If the Function property is set to Yes, the action must return one, and only one value.
- d. If the Function property is set to Yes, the action cannot be used in an action flow. ✓ It's correct!

The correct answer is: If the Function property is set to Yes, the action cannot be used in an action flow.

Question **38**

Correct

1.00 points out of 1.00

Flag question

How can you create Two Entities through one Excel file?

Select one:

- a. You can do that adding the Upload tool to a page of your app, then on the browser, you can import the Entities through the Upload tool wizard.
- b. It is not possible to use Excel files to import entities. It is only possible to create Entities manually on Service Studio or consume External Databases.
- c. You can use the Bootstrap to create the two Entities at the same time, with the Name of the Entities and respective attributes. ✓ It's correct!
- d. To use the Bootstrap, you need to use different files, one for each Entity, where each file Name corresponds to one OutSystems Entity Name.

The correct answer is: You can use the Bootstrap to create the two Entities at the same time, with the Name of the Entities and respective attributes.

Question **39**

Correct

1.00 points out of 1.00

Flag question

The Form's Valid property...

Select one:

- a. must be set explicitly using an Assign node in a Client Action.
- b. is automatically set only if the user leaves all its fields blank.
- c. **cannot** be checked before all custom validations are performed.
- d. is automatically set to **False** when a field within the Form fails its validation. ✓ It's correct!

The correct answer is: is automatically set to **False** when a field within the Form fails its validation.

Question **40**

Correct

1.00 points out of 1.00

Flag question

You can apply custom validation to:

Select one:

- a. All options are correct. ✓ It's correct!
- b. Drop Down widgets.
- c. Input widgets.
- d. Button Group widgets.

The correct answer is: All options are correct.

Question **41**

Correct

1.00 points out of 1.00

Flag question

Regarding Event Handlers of Block's Instance Events, select the correct option.

Select one:

- a. All other options are correct.
- b. An Event Handler may or may not be mandatory, but its Input Parameters are always mandatory if a Handler is set on the Block's Instance.
- c. If an Event is not Mandatory, it is not necessary to define an Event Handler for this Event on a Block's Instance. ✓ It's correct!
- d. You can set, as an Event Handler, both screen actions as well as general Client Actions not bound to a Screen.

The correct answer is: If an Event is not Mandatory, it is not necessary to define an Event Handler for this Event on a Block's Instance.

Question **42**

Correct

1.00 points out of 1.00

Flag question

Regarding Blocks, select the correct answer.

Select one:

- a. Can react to changes in input parameters. ✓ It's correct!
- b. Cannot be instantiated inside other blocks.
- c. Can be refreshed explicitly.
- d. Can have output parameters.

Question **43**

Correct

1.00 points out of 1.00

Flag question

When creating a new Screen, by default that Screen is...

Select one:

- a. accessible to no one.
- b. accessible to everyone.
- c. accessible only to registered users. ✓ It's correct!
- d. accessible only to the users of that application.

The correct answer is: accessible only to registered users.

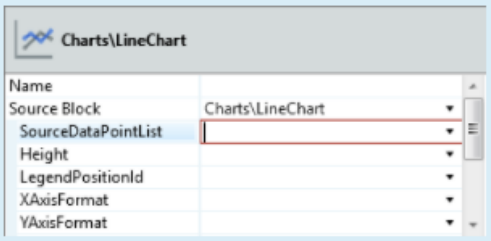
Question **44**

Correct

1.00 points out of 1.00

Flag question

What can be inserted in the SourceDataPointList property of a Chart widget?



Select one:

- a. A List of any type, but if it's not of type DataPoint List then, the mapping must be done on the properties of the Chart widget. ✓ It's correct!
- b. Any List can be there, and the mapping must always be done.
- c. Only a List that is the output of an Aggregate or a FetchData action.
- d. Any List can be there, but if it comes from a FetchData action, the mapping must be done.

Question **45**

Correct

1.00 points out of 1.00

Flag question

Consider Entities Book and Publisher, where Book has a non-mandatory reference attribute to Publisher. What Join type between Book and Publisher should you use in an Aggregate if you want to return all Books with any (including none) associated information about their Publisher:

Select one:

- a. Book With or Without Publisher ✓ It's correct!
- b. Book Only With Publisher
- c. Book With Publisher
- d. Publisher With or Without Book

The correct answer is: Book With or Without Publisher

Question **46**

Correct

1.00 points out of 1.00

Flag question

When does the Render Event is triggered?

Select one:

- a. Once, after all the structure of the screen is complete.
- b. Every time there's a change in an aggregate that affects the screen. ✓ It's correct!
- c. Once, after all the data is on the screen.
- d. Every time an aggregate's data is ready to be used.

The correct answer is: Every time there's a change in an aggregate that affects the screen.

Question **47**

Correct

1.00 points out of 1.00

Flag question

To change the values of variables you use:

Select one:

- a. An if element.
- b. An assign element. ✓ It's correct!
- c. None of the options.
- d. A block.

The correct answer is: An assign element.

Question **48**

Correct

1.00 points out of 1.00

Flag question

Of the following statements about Static Entities, select the right one.

Select one:

- a. Static Entities are stored in the database. Its records are defined inside the Service Studio and have a name. ✓ It's correct!
- b. Records of a Static entity can be inserted at runtime using the Create Entity Action.
- c. We must specify the Id value of each record of a Static Entity as a Static Entity Identifier cannot be Autonumber.
- d. A Static Entity comes with four attributes and we cannot change its attribute structure, only add/modify/delete records.

The correct answer is: Static Entities are stored in the database. Its records are defined inside the Service Studio and have a name.

Question **49**

Correct

1.00 points out of 1.00

Flag question

You need to show, on a screen, some information that comes from an Entity, but only when the user requests it explicitly when clicking a link on the screen. In this scenario, choose the right option.

Select one:

- a. For this scenario, it is not possible to use an Aggregate. Use a Data Action with an Input Parameter of type Boolean, that will be used to identify when to return the data. Call the action passing true to it when the user requests the data.
- b. Aggregates and Data Actions run asynchronously immediately after the Screen initialization happens, so use a Local Variable to store the information and use a Server Action to fetch the data when the user requests it.
- c. Set the Fetch property of the Aggregate to 'Only on demand' to avoid executing the Aggregate after the page is initialized and use a Data Refresh to execute the Aggregate when the information is required. ✓ It's correct!
- d. Use the System.IsPageLoad() Action on the Aggregate's On After Fetch event to identify if the page is loading and remove the data case it returns True. Later, use a Server Action with a Data Refresh to fetch the data when the user requests it.

The correct answer is: Set the Fetch property of the Aggregate to 'Only on demand' to avoid executing the Aggregate after the page is initialized and use a Data Refresh to execute the Aggregate when the information is required.

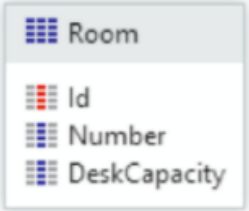
Question **50**

Correct

1.00 points out of 1.00

Flag question

Consider the Room entity below, that represent rooms in a plant. If you wanted to model that a Room can be connected to other Rooms, what would be the best solution?



Select one:

- a. Add a new attribute ConnectedRooms, of type List of Room Identifier, to Room.
- b. Create a new entity ConnectedRooms, with two attributes Room1Id and Room2Id, both of type Room Identifier. ✓ It's correct!
- c. You cannot do it, because recursive entities are not allowed.
- d. Add a new attribute RoomId, of type Room Identifier, to Room.