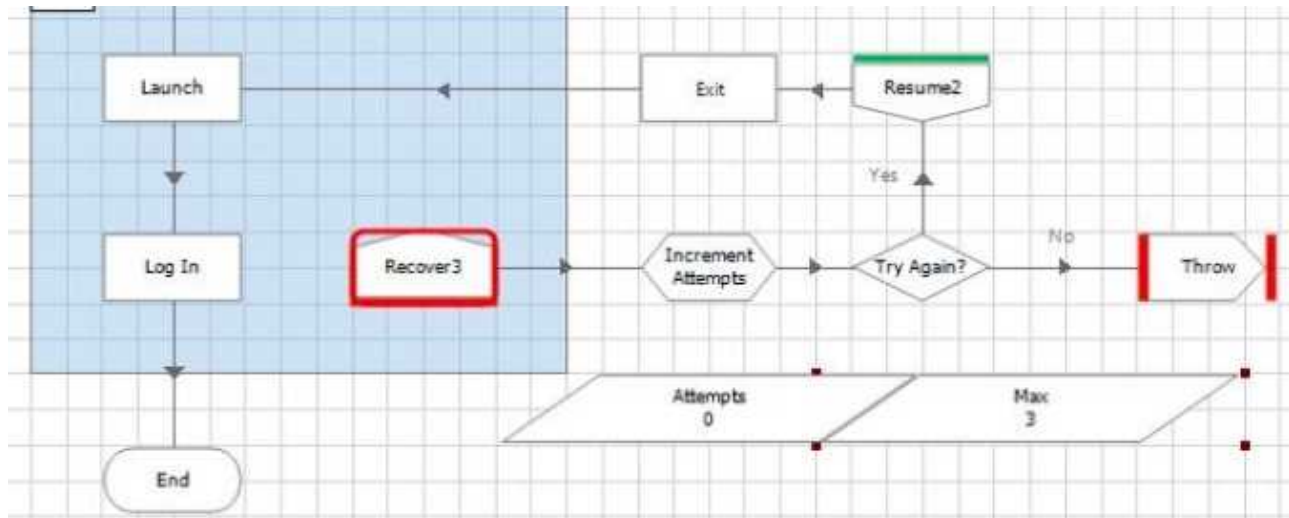


Blue Prism Developer

1. Refer to the Exhibit.



The Process is intended to attempt to perform the processing in the recover block, Block 3. a maximum of three times before throwing an exception.

Data Item 'Attempts' is a number data item with an initial value of 0 Data Item "Max Attempts" is a number data item with an initial value of 3 The 'Increment Attempts' calculation stage add 1 to the attempts value and outputs a result to the "Attempts" data item

To enable this to work correctly, what is the correct expressions for the Try Again' decision stage?

A. $[Attempts] < [Max]$

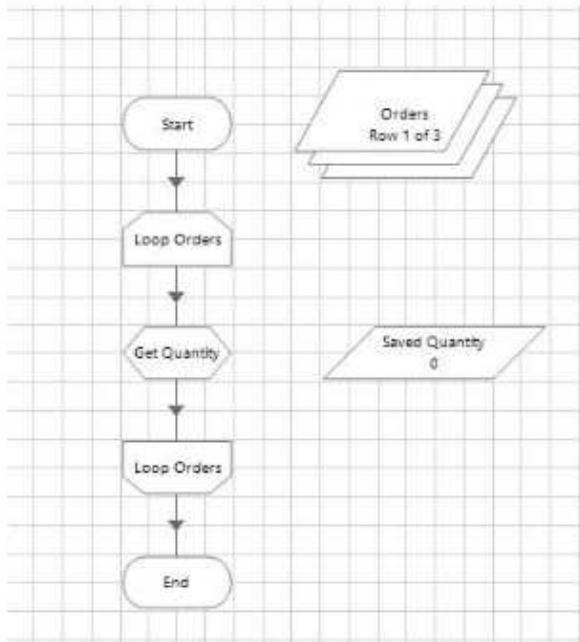
B. $[Attempts] > [Max]$

C. $[Attempts] = [Max]$

D. $[Attempts] + 1$

Answer(s): A

2. Examine the following process flow:



The Orders Collection contains the following data

Fields	Initial Values	Current Values
Order Number (Text)		Quantity (Number)
1001		4
1002		5
1003	<input type="text" value=".."/>	10

The Saved Quantity Data Item is configured as a number with the initial value 0. The Loop Orders stage is configured to loop through the Orders collection.

The Get Quantity stage is configured as follows:

Calculation Properties

Name:

Description:

Expression

$[Saved\ Quantity] + [Orders.Quantity]$

Validate Evaluate Expression Store Result In Saved Quantity

What will the data item Saved Quantity contain after the execution of the page?

A. 4

B. 5

C. 1

D. 19

Answer(s): D

3. How many Start Stages can a sub-page in a Process have?

A. 0

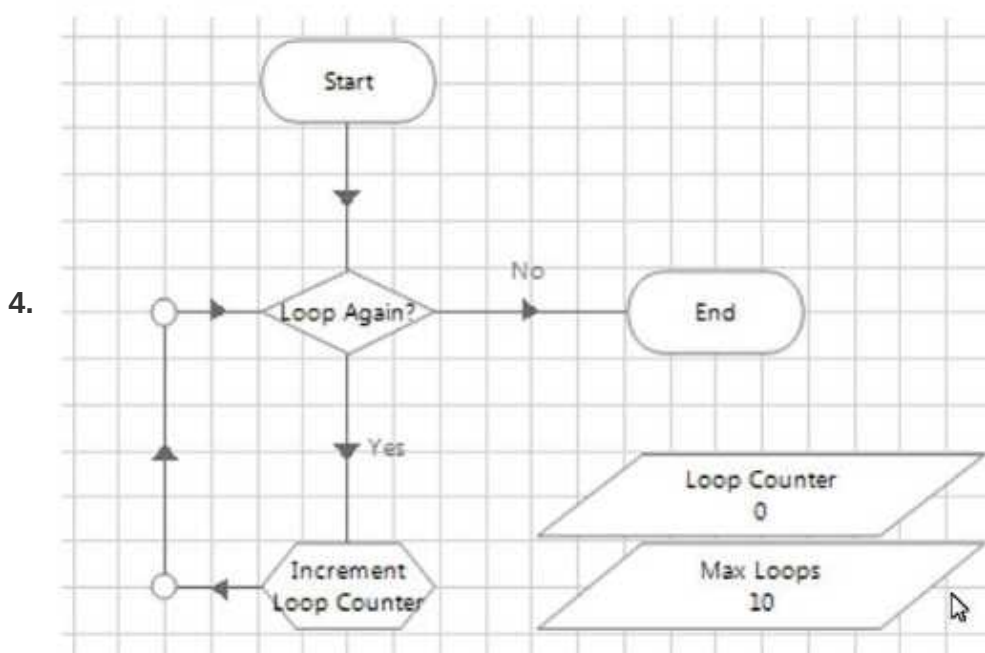
B. 1

C. 2

D. Any Number

Answer(s): B

Study the following process flow:



The data item "Loop Counter" is a number data item and has an initial value of 0. The data item "Max Loops" is a number data item and has an initial value of 10.

The two stages are configured as follows:

Decision Properties

Name: Loop Again?

Description:

Expression

[Loop Counter] < [Max Loops]

Validate Evaluate Expression

Calculation Properties

Name: Increment Loop Counter

Description:

Expression

[Loop Counter]

Validate Evaluate Expression Store Result In Loop Counter

How many times will the Loop Again stage be executed when the page is executed?

A. 10

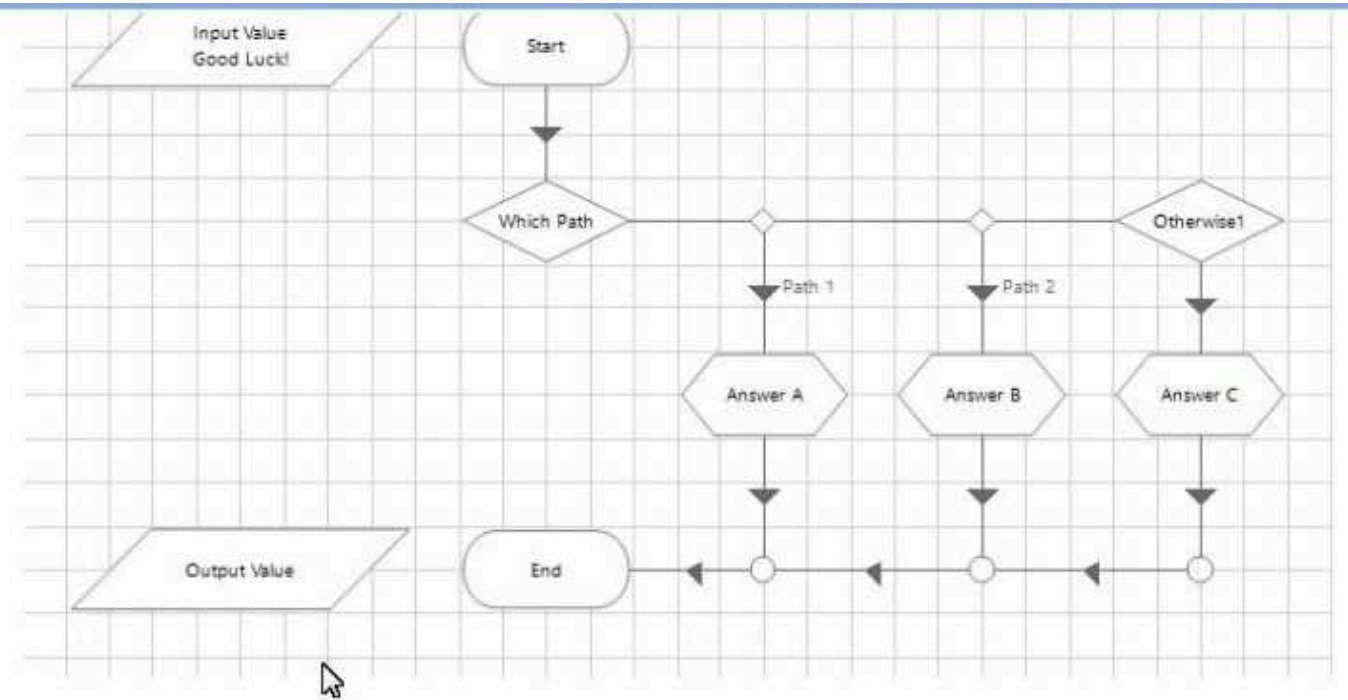
B. 9

C. 11

D. The loop will be infinite

Answer(s): C

5.



Choice Properties

Name:	Which Path
Description:	
Choice Name	Choice Criterion
Path 1	StartsWith(Input Value, "G")
Path 2	Right([Input Value], 4) = "Good"

The calculation stages contain the following:

Calculation Properties

Name:	Answer A
Description:	
Expression	A

Validate Evaluate Expression Store Result In Output Value

Calculation Properties

Name: Answer C

Description:

Expression

C

Validate Evaluate Expression Store Result In Output Value

What will be the outcome after the page has run?

A. Data Item Output Value contains A

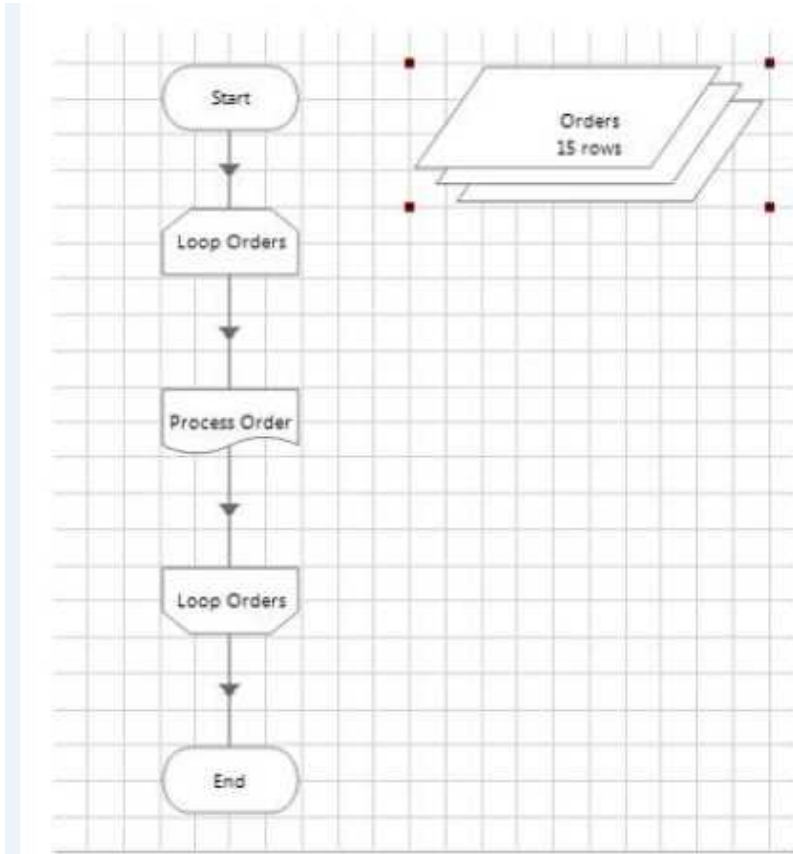
B. Data Item Output Value contains B

C. Data Item Output Value contains C

D. An Internal Exception will be thrown

Answer(s): D

6. Examine the following process flow:



The Loop Orders loop is configured to loop through the Orders collection. How Many times will the 'Process Order' page be executed?

A. 1

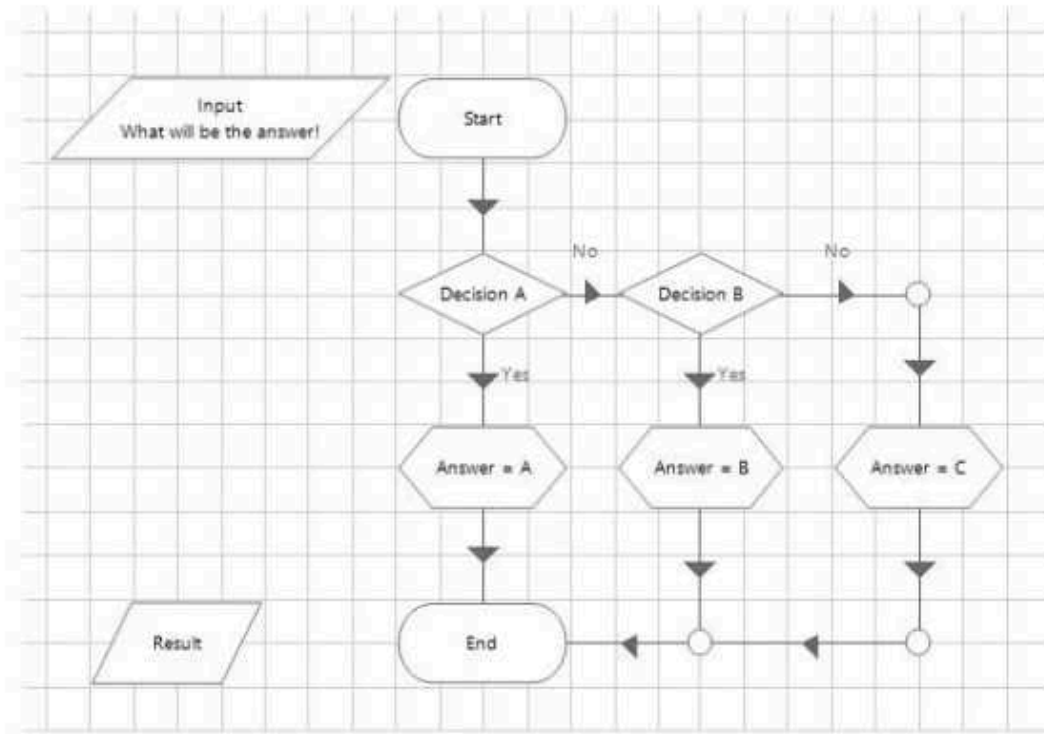
B. 15

C. The loop will be infinite

D. It's impossible to tell. There is no loop counter.

Answer(s): B

7. Study the following page in a process:



Decision Properties

Name: Decision B

Description:

Expression

```
Len(Trim([Input]) > 20
```

Calculation stages will write A, B or C to the Output value data item.
What will be the outcome after the page has run?

A. Data Item Output Value contains "A"

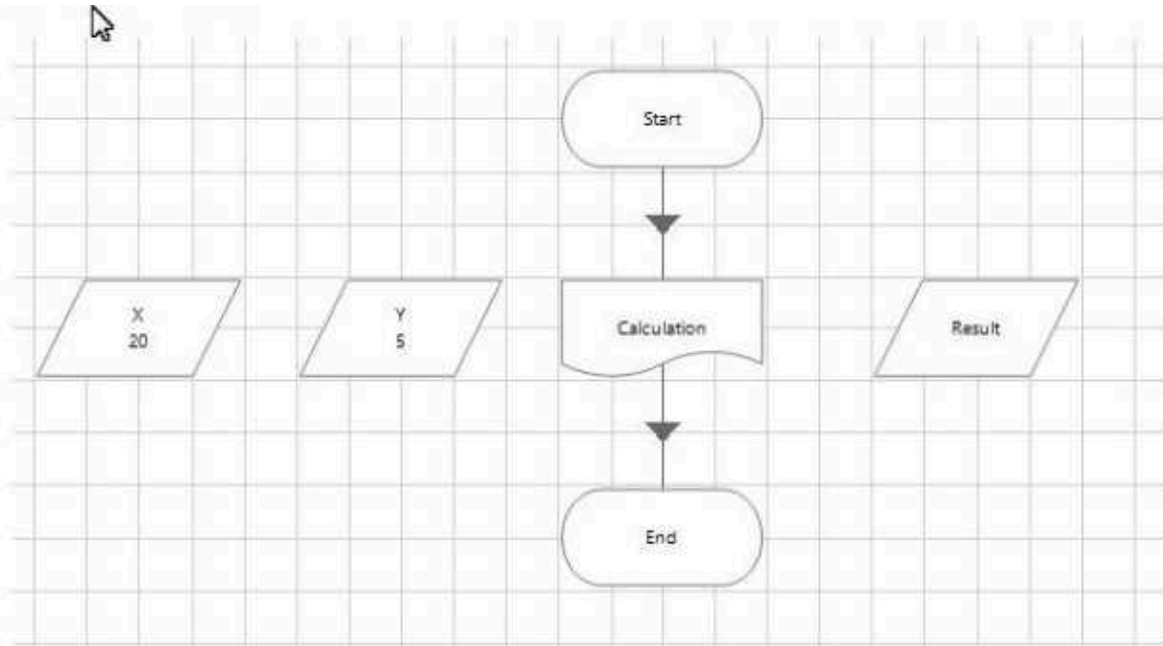
B. Data Item Output Value contains "B"

C. Data Item Output Value contains "C"

D. An Internal Exception will be thrown

Answer(s): D

8. Study the following process flow:



This is the Mam Page of a simple process which calls the Page Calculation before completing The data items are configured as follows:

- X is a Number data item with an initial value of 20
- Y is a Number data item with an initial value of 5
- Result is a Number data item with no initial value

The Calculation Page stage is configured as follows:

Page Reference Properties

Name: Calculation

Description:

Page: Calculation

Inputs Outputs Conditions

Name	Data Type	Value
X	Number	
Y	Number	

Page Reference Properties

Name: Calculation

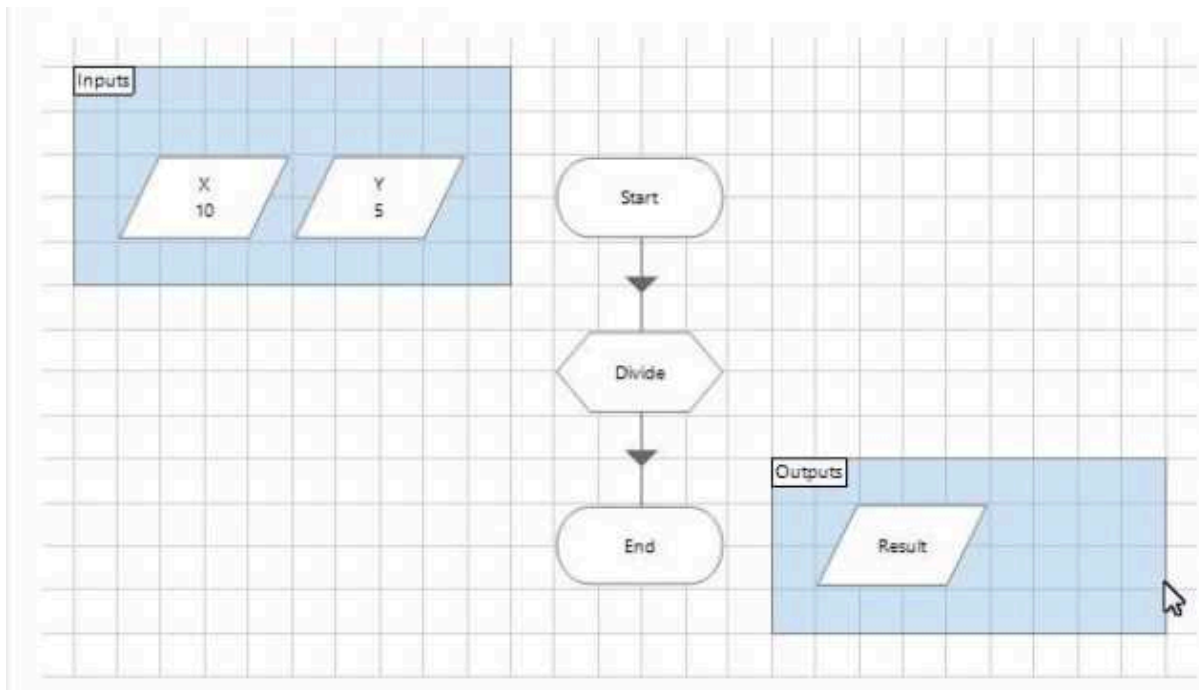
Description:

Page: Calculation

Inputs Outputs Conditions

Name	Data Type	Store In
Result	Number	<input checked="" type="checkbox"/> Result

The Calculation Page is as follows:



The Data Items are configured as follow:

- X is a Number data item with an initial value of 10
- Y is a Number data item with an initial value of 5
- Result is a Number data item with no initial value

The Start Stage is configured pass through the X and Y values as input parameters.

The divide calculation stage expression is $[X] / [Y]$

The end stage is configured to pass back the results value as an output parameter.

What will be contained in the Result Data Item on the Mam Page following the execution of the Process?

A. 0

B. No Value

C. 2

D. 4

Answer(s): D

9. Study the following configuration



Decision Properties

Name: Switch?

Description:

Expression

[Switch]

Name: Switch

Description:

Data Type

Flag

Initial Value

True False

Exposure

Environment - Read the corresponding Environment Variable from System Manager

Current Value

True @ False

Visibility

Hide from other pages in the process

Initialisation

Reset to Initial Value whenever this page runs

Flag

A Flag item can store one of two values: True or False.

Typically a Flag item may be used to record whether or not a letter was sent to a customer or whether or not a case belongs to a special group of cases.

OK

Cancel

Data Properties

Name:

Description:

Data Type:

Initial Value: True False

Exposure:

Current Value: True False

Visibility: Hide from other pages in the process

Initialisation: Reset to Initial Value whenever this page runs

Flag

A Flag item can store one of two values: True or False.

Typically a Flag item may be used to record whether or not a letter was sent to a customer or whether or not a case belongs to a special group of cases.

Processes - Environment Variables

Name	Type	Description	Value
Demo FilePath	Text		C:\Blue Prism Training Setup\Materials\...
Switch	Flag		False

Which of the following statements is correct?

A. When the configuration is run in Control Room, it will become stuck in an infinite loop

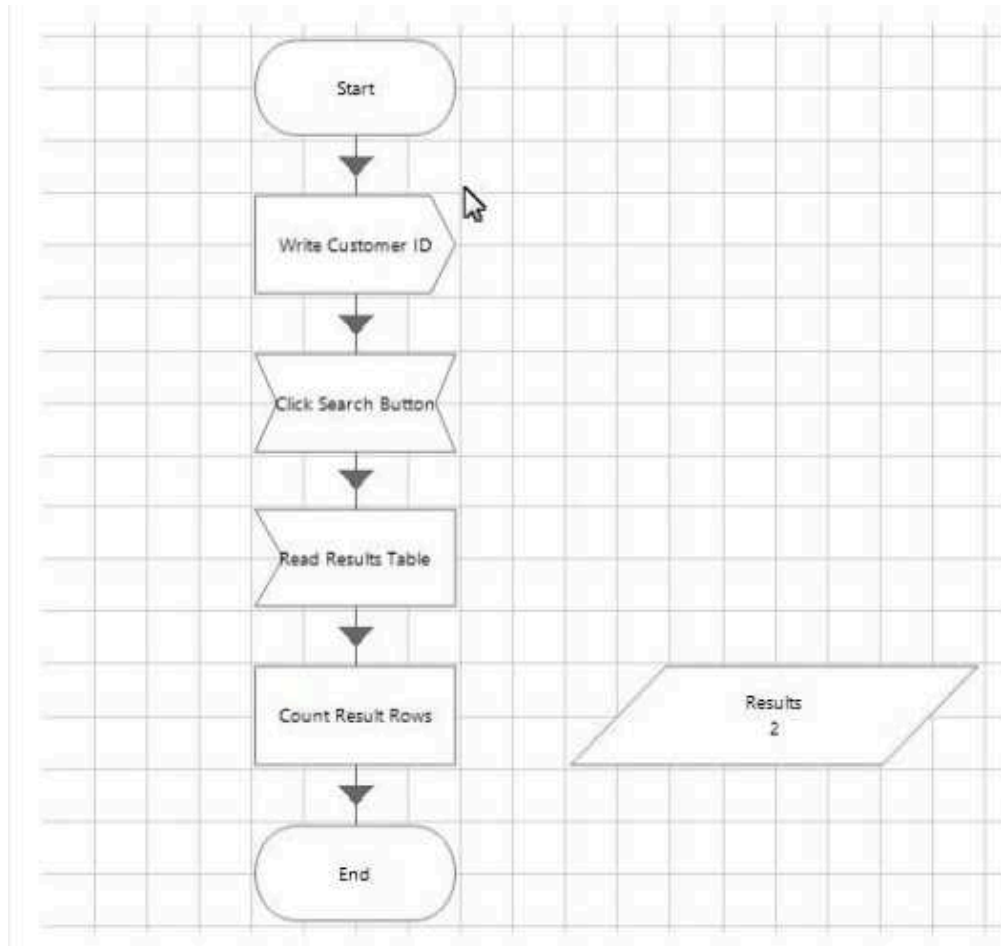
B. When the configuration is run in Control Room, it will become stuck in an infinite loop until the 'Switch' Session Variable is changed to True in System Manager

C. When the configuration is run in Control Room, it will become stuck in an infinite loop until the 'Switch' Session Variable is changed to True in the Control Room

D. When the configuration is run in Control Room, it will fail with an internal error on the first execution of the 'Switch?' stage with the error: Decision did not result in a yes/noExplanation:

Answer(s): C

10. Consider the following flow in an object:



Which of the following statements are true?

A. There just needs to be a wait stage after the start stage to correct this action.

B. There should be a wait stage after every stage in this flow (i.e. after the navigate, read, write stages).

C. If during testing in object studio this flow works, no additional wait stages should be added as they will slow the interface down.

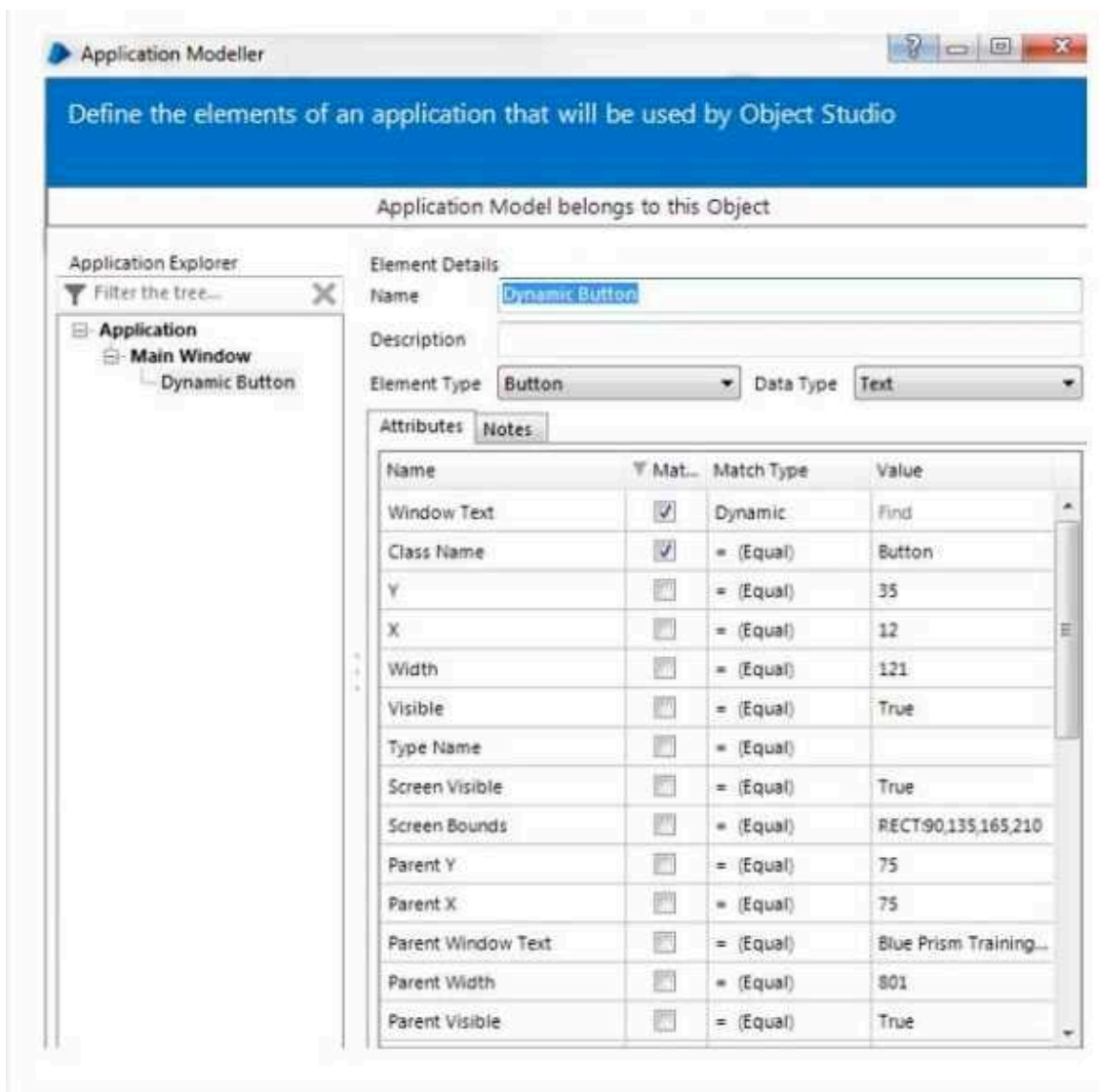
D. There should be an intelligent wait stage after the start stage and after any stage that cause the application we are interfacing with to change

Answer(s): D

11. A screen contains four buttons, Find, Save, Close and New.

When the buttons are spied, the attributes are identical except for the Window Text attribute. The values for the Windows Text attribute are Find' for the Find button. 'Save' for the Save button, Close' for the Close button and New' for the New Button.

The Dynamic Button element has been spied and has the following attributes set:



What additional configuration is required to ensure the Close button is selected by the Navigate stage?

A. Set the Mouse Button value to 'Close'

B. The Params button must be selected and the parameter configured to override the Window Text attribute value to 'Close'

C. It is not possible to select the Close button using the Dynamic Button element because the value is set to 'Find in the Application Modeller'

D. A new element is required with the Window Text value set to "Close and the Match Type set to equal

Answer(s): B

12. You identify an element in Application Modeller but when you highlight or use that element Blue Prism gives you an error message saying that duplicate elements were found. Which of the following statements is true?

A. It is common for duplicate elements to be found based upon the attributes that are ticked by default using the Blue Prism product. Time needs to be spent experimenting with the attribute ticks until a unique, reliable, and consistent selection of attributes are found.

B. It will not be possible to interface with the element in a unique way. You will need to use Surface Automation techniques for this element.

C. A code stage interface will need to be created and used for this application, this will give you more flexibility to interact with the application elements.

D. You will need to make the attributes you have selected dynamic. This will allow your flow to loop around, incrementing the attribute value until the correct element is found and used.

Answer(s): A

13. Which of the following statements about Business Objects is true?

A. It is Blue Prism best practice to include business rules within Business Objects

B. A Business Object is configured in the Studio area of Blue Prism

C. A Business Object can be exposed to Control Room

D. Logging of individual stages is not configurable in Business Objects

Answer(s): B

14. A Blue Prism solution works fine when developing and testing it in Process and Object studio but when it is ran in Control Room exceptions occur because of screen elements not being found.

What is the most likely cause?

A. The most likely cause for the errors is that your application has changed.

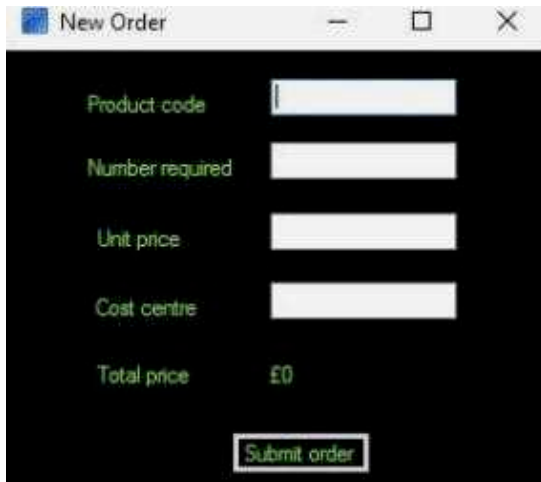
B. The most likely cause for the errors seen in Control Room is that best practice use of wait stages has not been followed.

C. The most likely cause for the errors is that the Object Studio action has not been published and therefore cannot be used by the Process in control room.

D. The most likely cause for the exceptions is that best practice exception handling has not been incorporated into the Process.

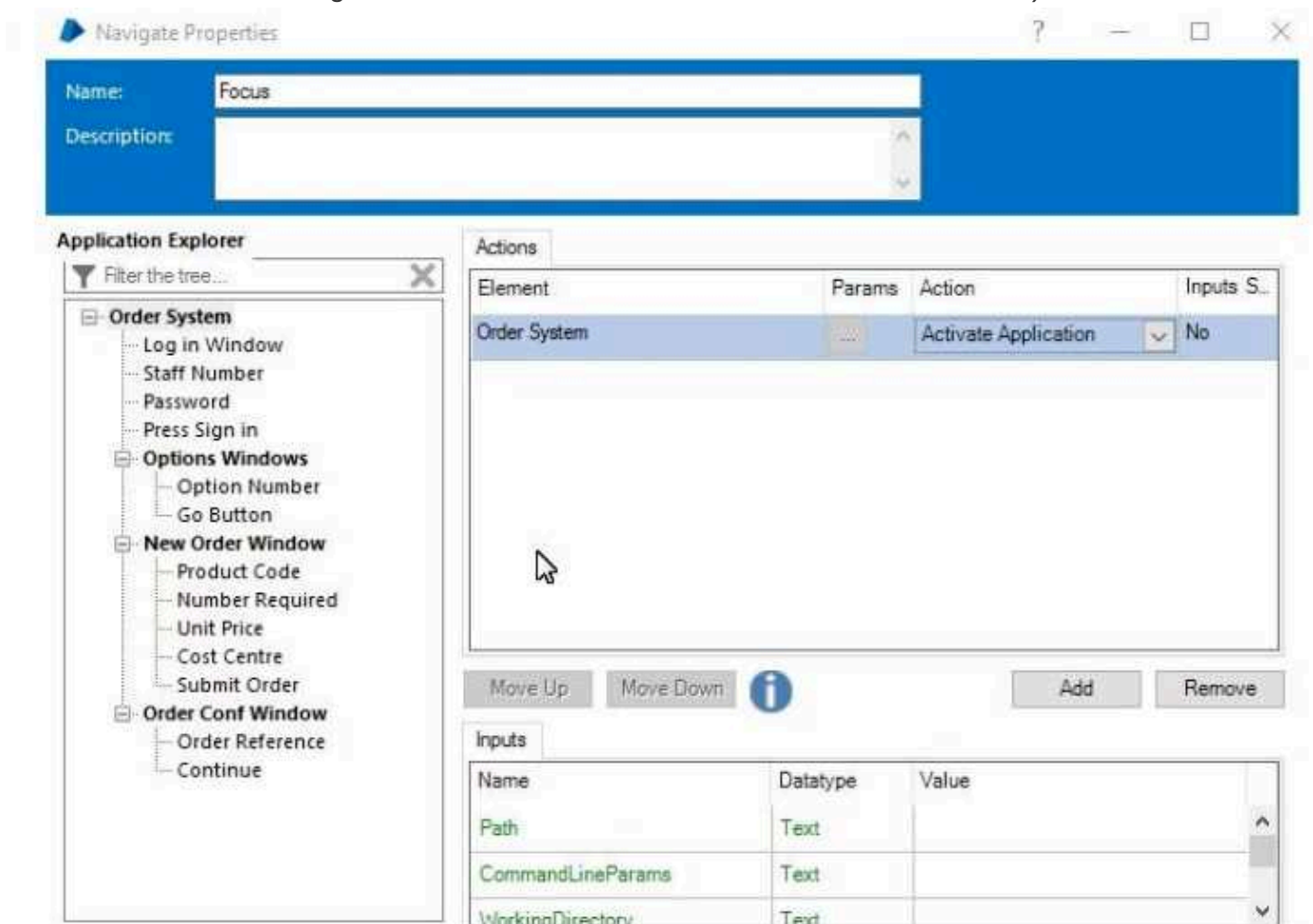
Answer(s): B

15. The Order System application has been successfully launched and Blue Prism has navigated the application to the following screen:



There is a requirement to ensure this screen is in focus before any further interfacing is done with the screen.

Which is the correct configuration to ensure the New Order screen is in focus? A)



Element	Params	Action	Inputs S...
Order System		Activate Application	No

Name	Datatype	Value
Path	Text	
CommandLineParams	Text	
WorkingDirectory	Text	

B)

Navigate Properties

Name: Focus

Description:

Application Explorer

Filter the tree...

- Order System
 - Log in Window
 - Staff Number
 - Password
 - Press Sign in
- Options Windows
 - Option Number
 - Go Button
- New Order Window
 - Product Code
 - Number Required
 - Unit Price
 - Cost Centre
 - Submit Order
- Order Conf Window
 - Order Reference
 - Continue

Actions

Element	Params	Action	Inputs S..
Order System	...	Attach	Yes

Move Up Move Down *i* Add Remove

Inputs

Name	Datatype	Value
Window Titles (as Collection)	Collection	
Window Title	Text	
Process Name	Text	

c)

Navigate Properties

Name: Focus

Description:

Application Explorer

Filter the tree... *X*

- Order System
 - Log in Window
 - Staff Number
 - Password
 - Press Sign in
- Options Windows
 - Option Number
 - Go Button
- New Order Window
 - Product Code
 - Number Required
 - Unit Price
 - Cost Centre
 - Submit Order
- Order Conf Window
 - Order Reference
 - Continue

Actions

Element	Params	Action	Inputs S..
New Order Window	...	Click Window	Yes

Move Up Move Down *i* Add Remove

Inputs

Name	Datatype	Value
X	Number	
Y	Number	
Mouse Button	Text	

D)

Navigate Properties

Name: Focus
Description:

Application Explorer

Filter the tree ...

- Order System
 - Log in Window
 - Staff Number
 - Password
 - Press Sign in
 - Options Windows
 - Option Number
 - Go Button
 - New Order Window**
 - Product Code
 - Number Required
 - Unit Price
 - Cost Centre
 - Submit Order
 - Order Conf Window
 - Order Reference
 - Continue

Actions

Element	Params	Action	Inputs S...
New Order Window	...	Activate Application	N/A

Move Up Move Down Add Remove

Inputs

Name	Datatype	Value
------	----------	-------

A. Exhibit A

B. Exhibit B

C. Exhibit C

D. Exhibit D

Answer(s): D

16. You identify an element in Application Modeller and it highlights uniquely and can be used in your object flow diagram. The next day you find that Blue Prism cannot no longer identify the same element, your object flow is giving you 'Element not found' exceptions.

Which of the following statements is true?

A. This must be an environment issue. The Blue Prism environment must be consistent and persistent, and an element that worked one day and does not work the next day suggests the environment is changeable. The IT team supporting the environment needs to be contacted to fix the problem.

B. The Blue Prism product support team should be contacted to report the issue. This signifies an inconsistency in how the Blue Prism product is working which needs to be fixed.

C. This suggests that Best Practice exception handling has not been implemented in the object. A retry loop around the object stages that are using the element will probably fix the problem

D. It is common for consistency issues to be found during configuration/development testing. The most likely cause is that an attribute has been selected for the element that is changeable, such as a window title with a date, or a URL The developer needs to ensure that any changeable attributes are unticked.

Answer(s): D

17. When automating a Windows application what type of stage is configured to perform a Global Send Key Events?

A. Notes Stage

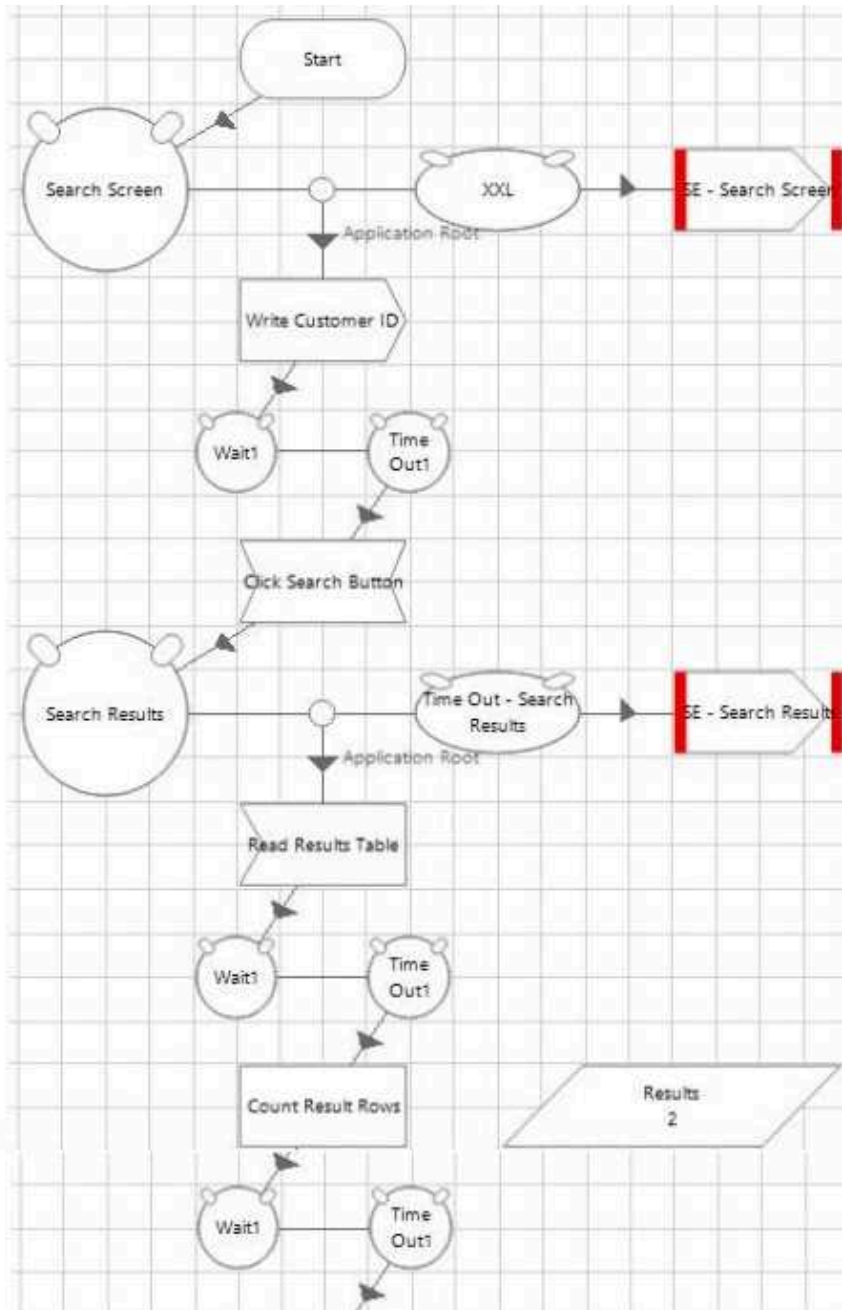
B. Read Stage

C. Write Stage

D. Navigate Stage

Answer(s): D

18. Consider the following flow in an object:



Which of these statements is true?

A. The flow shown in the diagram is correct, the wait stages are all adding a high level of robustness to the action

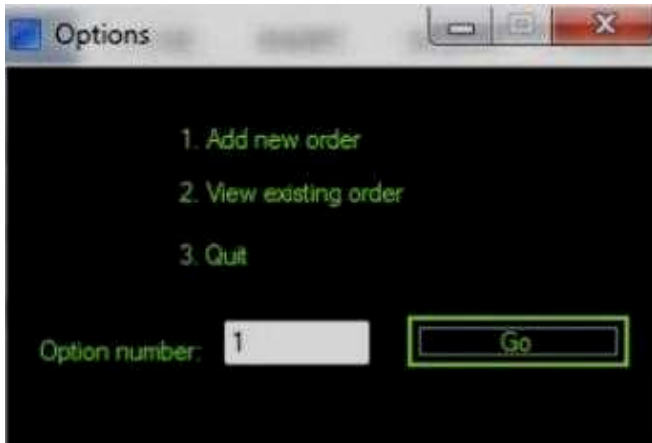
B. The wait stages after read and write stages should be removed they are not required and are lowering the flow down

C. The wait stages after read stages should be removed, the wait stages after write stages should be left because the application will have been changed

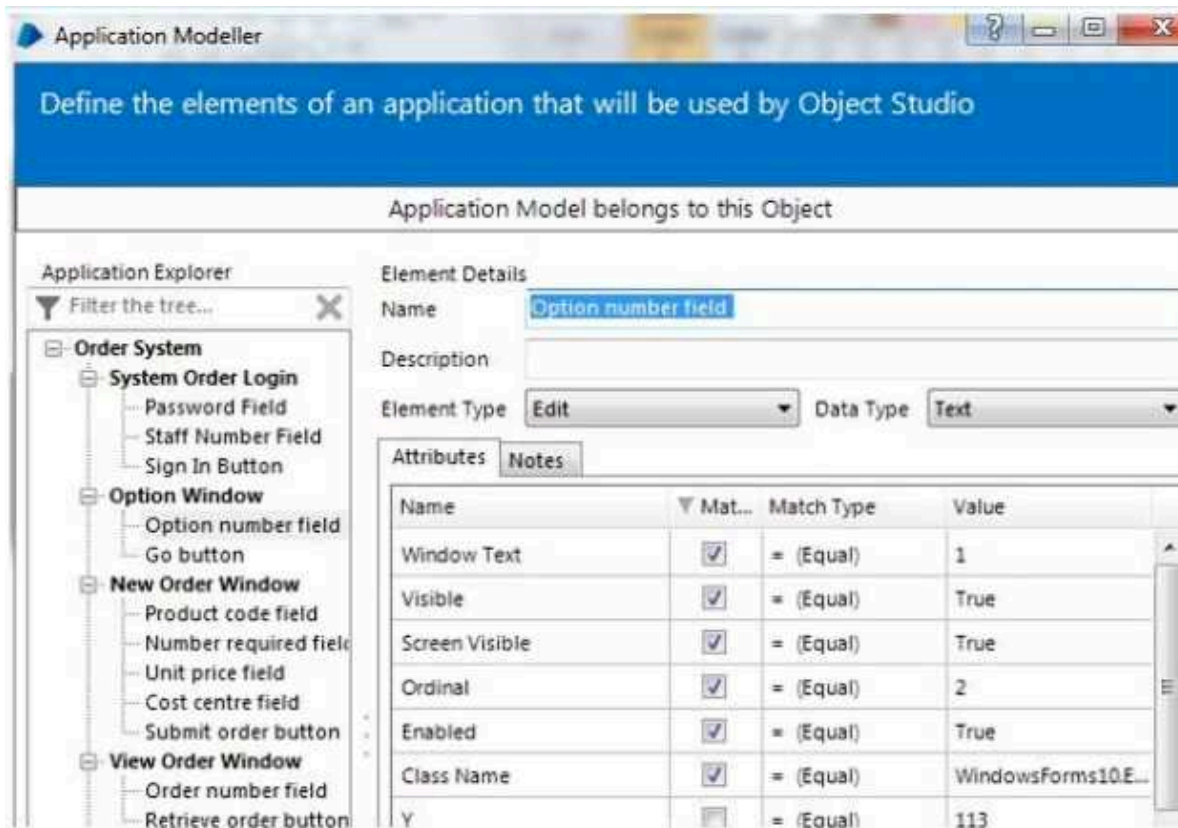
D. Only the first wait stage in this flow is required, all the other wait stages should be removed.

Answer(s): B

19. When entering an option within the Training Order system the relevant option number is entered into the Option number field as below The Option number input field has been spied in Blue Prism:



The following attribute set has been returned by Application Modeller:



Which Attribute can be un-ticked to ensure consistent visibility of the element to Blue Prism?

A. Window Text

B. Visible

C. Screen Visible

D. Class Name

Answer(s): A

20. What is the syntax for using a collection field in an expression?

A. Like this MyCollection(MyField)

B. Like this MyCollection[MyField]

C. Like this [MyCollection[MyField]]

D. Like this MyCollection.MyField

E. Like this [MyCollection.MyField]

Answer(s): E
