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Question 1

Question Type: MultipleChoice

A retail bank has promoted 2 Blue Prism processes to production

1. Email poller

2 Customer onboarding

3. Direct Debit Cancellations

One instance of the email poller process will run 24/7 feeding work queues for the other two processes.

Three instances of the Customer onboarding process will run between 6am and 11 pm each day on three separate VMs

One instance of the Direct Debit Cancellations process will run between 6am and 4pm each day on the same VM as the Email poller process

What is the maximum number of Blue Prism licenses that will be consumed each day?

Options:

A- 3
B- 4
C- 5
D- 6

Answer:

A

Question 2

Question Type: MultipleChoice

It's technically possible for one business object to call another Outside of using utility objects are any of the following valid reasons why you would want to do this?

Options:

A- No, objects should never call other objects.
B- Yes but objects calling other objects could lead to undesirable memory problems so care must be taken
C- Yes, to create a wrapper object as a vehicle for a reusable sequence of application logic
D- Yes, but only if the object is calling itself.

Answer:

C

Question 3

Question Type: MultipleChoice

A process is required for a telecoms company to work cases supplied via a daily Excel file Although the file will only contain around 1000 rows, the average case time is such that the workload is far too big for one machine to complete in a day, so the solution has been designed with multiple machines in mind. One machine will load the work queue while the others wait, then once the queue is ready all machines will work it together. The requirements state that the input file is machine generated, has a known format is generally clean but may contain exceptions - rows with an empty cell, partial phone numbers, or accounts that don't exist. What should the solution do to combat this problem?

Options:

A- The solution should read the file and load the queue without validating the data The data validation should be the first step in working a queue item, with invalid cases marked as exceptions.
B- The solution should open the file and delete any row with either missing, incomplete or invalid data. Then the clean' file should be read and the resulting collection added to the queue.
C- The solution should read the file and then loop through the resulting collection and discard any row with either missing, incomplete or invalid data. Then the 'clean' collection should then be loaded into the queue
D- The solution should validate the data and check that the accounts exist in the target applications beforehand, so that only clean cases are loaded into the queue.
E- The solution should apply a filter to the Excel file to hide any row with empty cells and only load the complete rows.

Answer:

C

Question 4

Question Type: MultipleChoice

The status of a Work Queue can be used as a method of recording what work has been done so far on a Work Queue item

Please consider the following statements:

1. For Ml, to easily see how far an item has been worked

2 To aid manual working of exceptions, providing the Item Status can inform staff what work is still outstanding on an item that needs manually completing

3. To enable Work Queue items to be safely retried, a process can use the item status to know which updates have already been performed so that they are not repeated

4 To record the Customer's Surname

Which of the statements are valid reasons for updating a case status?

Options:

A- 2 only
B- 2 and 3 only
C- 1, 2 and 3
D- 1 ,2, 3 and 4

Answer:

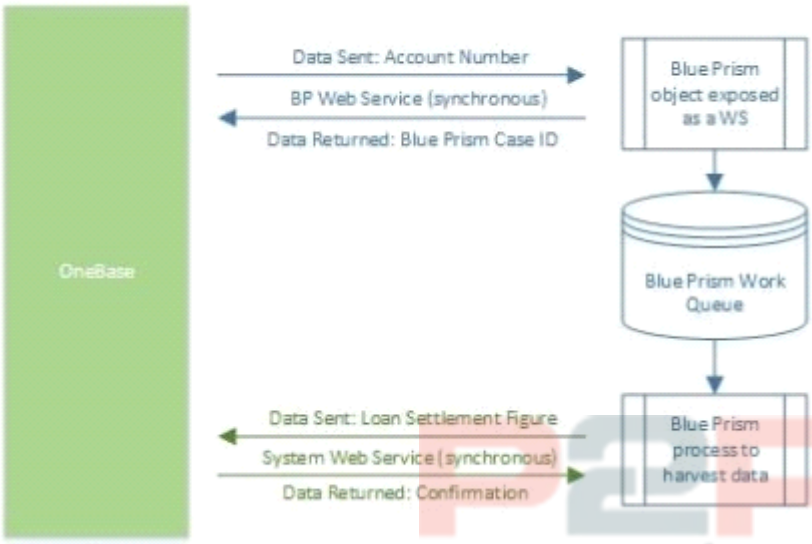
C

Question 5

Question Type: MultipleChoice

SanQuest Bank's call centre regularly receives requests from customers for the exact amount required to clear their loan This is a complicated calculation that is prone to human error. The bank has decided to use Blue Prism to perform the calculation and is considering amending its front end system OneBase to allow a user to click a button to request a Loan Consolidation Amount. They plan to communicate with Blue Prism using web services Consider the two proposed designs:

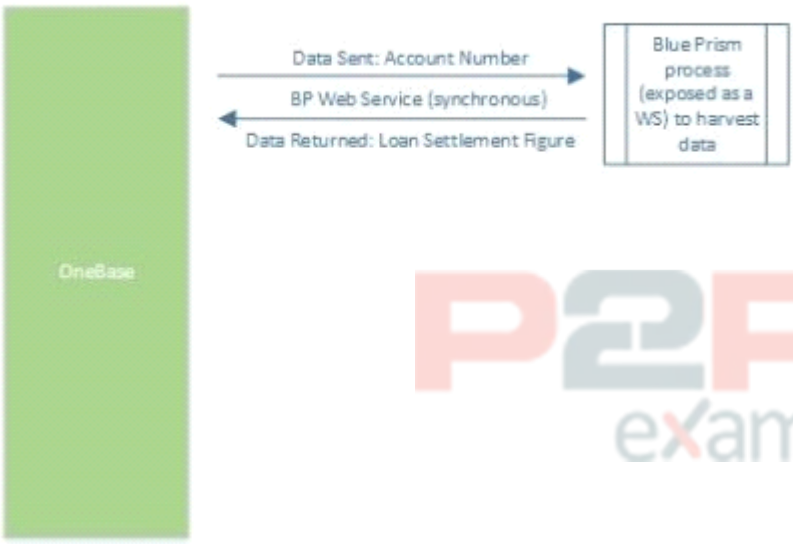
Design A



Here a Blue Prism object is exposed as a web service OneBase calls this service providing the account number The Blue Prism object add the case to a work queue and then returns the Case ID to complete the web service call

A Blue Prism process works the queue and harvests the data required to perform the calculation. The same Blue Prism process calls a OneBase web service and provides the loan settlement figure. OneBase completes the web service call by returning a success flag.

Design B



Here the Blue Process that harvests the data is exposed a web service with the loan settlement figure as an output. OneBase calls the web service and provides the account number. The Blue Prism process harvests the data and completes the web service call by providing the loan settlement figure.

Considering Blue Prism best practice which of the following statements is correct?

Options:

A- Design A is the most appropriate option
B- Design B is the most appropriate option
C- Neither Design A nor Design B is appropriate
D- Both Design A and Design B are appropriate

Answer:

D

Question 6

Question Type: MultipleChoice

VivaBank have an account closure process that can take up to three days to close an account. All requests within the bank's core system to close an account take place overnight during batch processing. There are two scenarios:

Scenario	Processing Day 1	Processing Day 2	Processing Day 3
Account has a nil balance	Confirm account and balance is nil. Set account to close overnight (expected automation time 60 seconds)	Check account has been successfully closed (expected automation time 30 seconds)	
Account has a balance to transfer	Confirm account and transfer balance to nominated account (expected automation time 60 seconds)	Confirm balance is nil. Set account to close overnight (expected automation time 30 seconds)	Check account has been successfully closed (expected automation time 30 seconds)

The timings relate to the expected automation time.

All requests will arrive in a Blue Prism work queue from multiple channels using either web services or other Blue Prism processes.

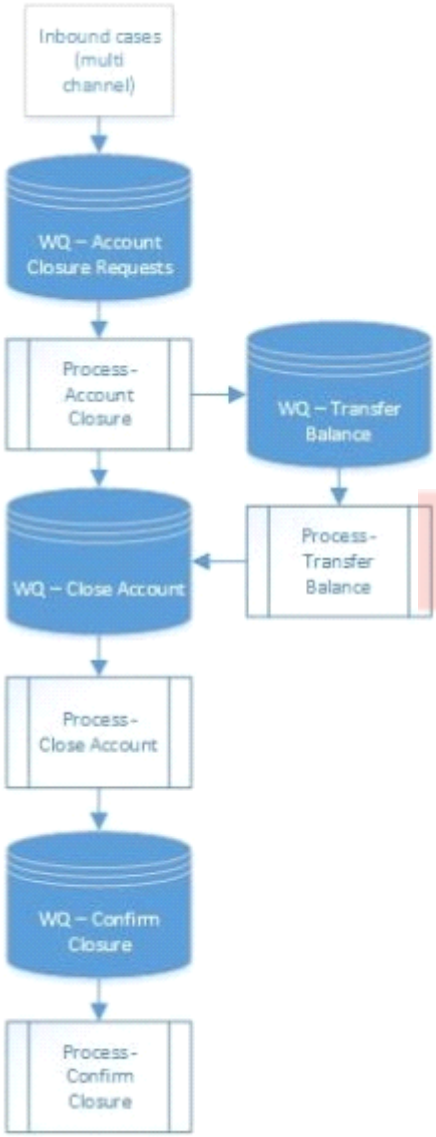
The following detail from the Functional Requirement Questionnaire must be considered:

* Cases must be processed on the same day if they come in between 08 00 and 22:00 Monday to Friday

* Exception cases are to be emailed to the manual team during processing as and when they occur.

* It is expected that up to 200 cases can be expected per day.

The Blue Prism solution consists of four processes and four Blue Prism Work Queues.



Cases come into the Account Closures Work Queue and are processed by the Account Closure process which determines if they are ^Nil Balance" or "Balance to Transfer" scenarios. Before adding the case to the relevant work queue, a check is made to see if an identical key has been added to the work queue today. If so the case is not added.

The Transfer Balance process works its queue and, for each successfully processed case, adds case to the Close Account queue.

The Close Account process works its queue and. for each successfully processed case, adds a case to the Confirm Closure queue with the case deferred to 08:00 the next day.

The Confirm Closure process completes the sequence by confirming that the account is finally closed.

A scheduler has been created to start all four processes at 08:00. Each process shall be configured to finish accordingly:

Process	Finish?
Account Closure	22:00
Transfer Balance	22:00
Close Account	22:00
Confirm Closure	When there are no more pending cases

Please select from the statements below the ones you consider to be correct (select 2 responses

Options:

A- All processes should be merged into one process to optimize licenses
B- Exception cases should not be distributed whilst the processes are running and instead should be distributed when each process has completed
C- There should be a separate work queue for each channel feeding the process.
D- The Confirm Closure process should work until 22:00
E- As an alternative the solution could use just one queue instead of four

Answer:

C, D

Question 7

Question Type: MultipleChoice

Which of the following statement combinations about Blue Prism memory management is correct?

Options:

A- A Blue prism Process reads a Business Object into memory as required. Once the called Action is complete, the Process releases the memory for the Net Garbage Collector to reclaim.
A Blue Prism Process reads a Sub Process into memory as required. Once the called Sub Process is complete, the Process releases the memory for the .Net Garbage Collector to reclaim.
B- A Blue Prism Process holds a Business Object in memory for the duration of its run.
A Blue Prism Process reads a Sub Process into memory as required. Once the called Sub Process is complete, the Process releases the memory for the Net Garbage Collector to reclaim
C- A Blue Prism Process reads a Business Object into memory as required
Once the called Action is complete, the Process releases the memory for the Net Garbage Collector to reclaim.
D- A Blue Prism Process holds a Sub Process in memory for the duration of its run.
A Blue Prism Process holds a Business Object in memory for the dilation of its run.

Answer:

A

Question 8

Question Type: MultipleChoice

You are the Lead Developer tasked with delivering four processes for the same client. You have enough developers in the team to develop all the processes in parallel. All the processes have one application in common, another application is used by two processes and one process uses an application that none of the others do. Which of the following statements is true?

Options:

A- Other than the standard utilities, there should be 3 objects.
B- Other than the standard utilities, there should be 4 objects.
C- Other than the standard utilities, there should be 7 objects.
D- It's not possible to determine how many objects there should be.

Answer:

D

Question 9

Question Type: MultipleChoice

An Insurance company has created 4 Blue Prism processes: 1. Change of Address

2 Claims Processing

3 Renewals

4 Order Letter

The Order Letter process is not a published process but is called as a sub process by each of the 3 other processes.

Each day at 6am a scheduler starts:

* 3 instances of the Renewals process on the same virtual machine

* 2 instances of the Claims Processing process on 2 different virtual machines

* 1 instance of the Change of Address process on its own virtual machine

How many licenses will be consumed by the running processes?

Options:

A- 7
B- 6
C- 4
D- 3

Answer:

C

Question 10

Question Type: MultipleChoice

If a solution is to make use of a queue with Maximum Attempts greater than 1. what should the designer put in place? (select 2 responses)

Options:

A- A decision whether or not to use an available retry item after marking an item complete.
B- A decision whether or not to use an available retry item after marking an item as an exception.
C- A decision whether or not to use an available retry item before marking an item complete
D- A decision whether or not to use an available retry item before marking an item as an exception
E- Logic to ensure that the next attempt to work a case is executed on a different machine from the previous attempt.
F- Logic to ensure that the next attempt to work a case is executed on the same machine as the previous attempt.
G- Logic to identify the progress made by previous attempts to work a case.

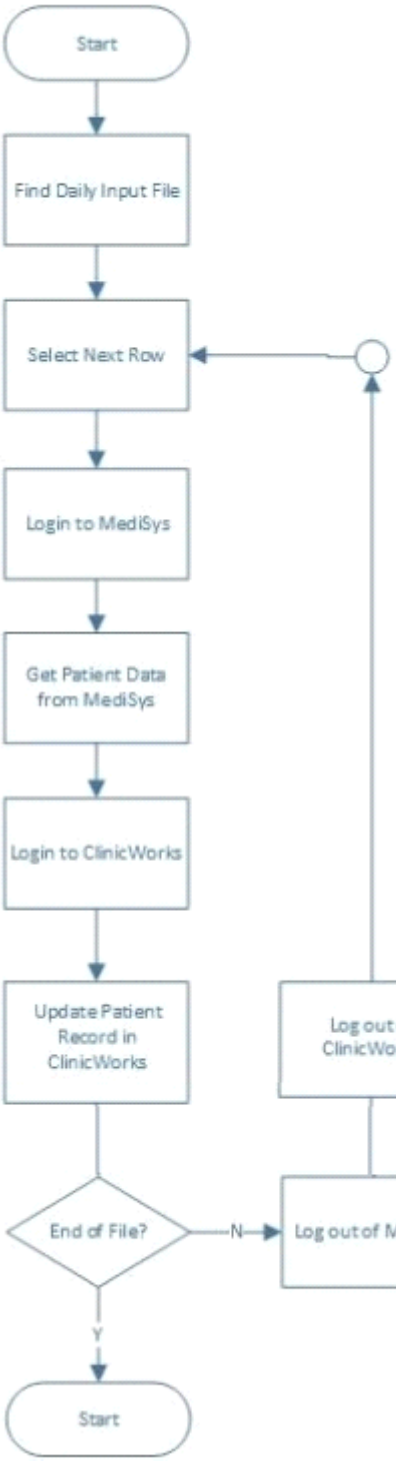
Answer:

B, F

Question 11

Question Type: MultipleChoice

Consider the following high-level design. The solution is intended to read medical data from one application in order to update another An input file is prepared by an overnight batch run for the solution to work through each morning before patients arrive. Usually the input file is fairly small but at certain times each month the file is much larger.



Which of these options should be considered by the process solution designer to guarantee the quality of the end-to-end solution? (select 4 responses)

Options:

A- Once in production the process controller should ensure that the process is only ever run on one Resource PC
B- The solution should log in to the applications before starting the case working loop
C- The solution should split the file into pieces to distribute to each Resource PC.
D- The solution should log out from applications after exiting working loop.
E- Each Resource PC should be set to take a different row from the others, e, g. RPC-A works rows t, 4, 7, 10 etc., RPC-B works 2, 5. 8 etc and RPC-C works 3, b, 9 etc.
F- The solution should start by loading the file data into a work queue.
G- The file should be updated at the start of each case to prevent other RPCs from working it.
H- Once in production the clinic should wait until the solution has completed before admitting patients
I- The batch run should create multiple input files so that each Resource PC has its own file to work with
J- The file should be updated after each case to indicate that the case has been worked.
K- The solution should use an environment lock to ensure the file can only be accessed by one Resource PC at a time.

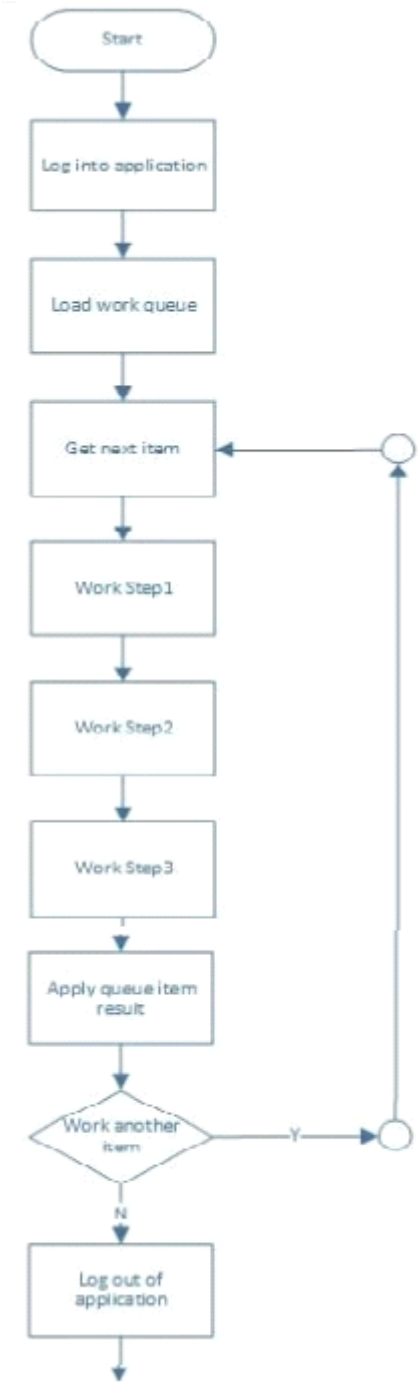
Answer:

B, F, G, K

Question 12

Question Type: MultipleChoice

Consider the following high-level design:



The application concerned is prone to being sluggish or even unresponsive at times. As the solution designer you should anticipate that there will be system exceptions and that after an exception case the application might not be in arNdea1 state. What should you do? (select 3 responses).

Options:

A- Add clean up' logic to get the application in the right position after Apply Queue Item Result.
B- Kill the application after each case and log back in to ensure the next case starts in the right position.
C- Instruct the developers to build objects capable of navigating the application back to the home position.

D- Restart the application if attempts to navigate back to the home position fail
E- Move Log into Application to be before Work Stepl1 and move Log Out of Application to be after Step3.
F- Add 'clean up' logic to get the application in the right position before Work Stepl1.
G- Add clean up' logic to get the application in the right position after Work Step3.

Answer:

A, C, D

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