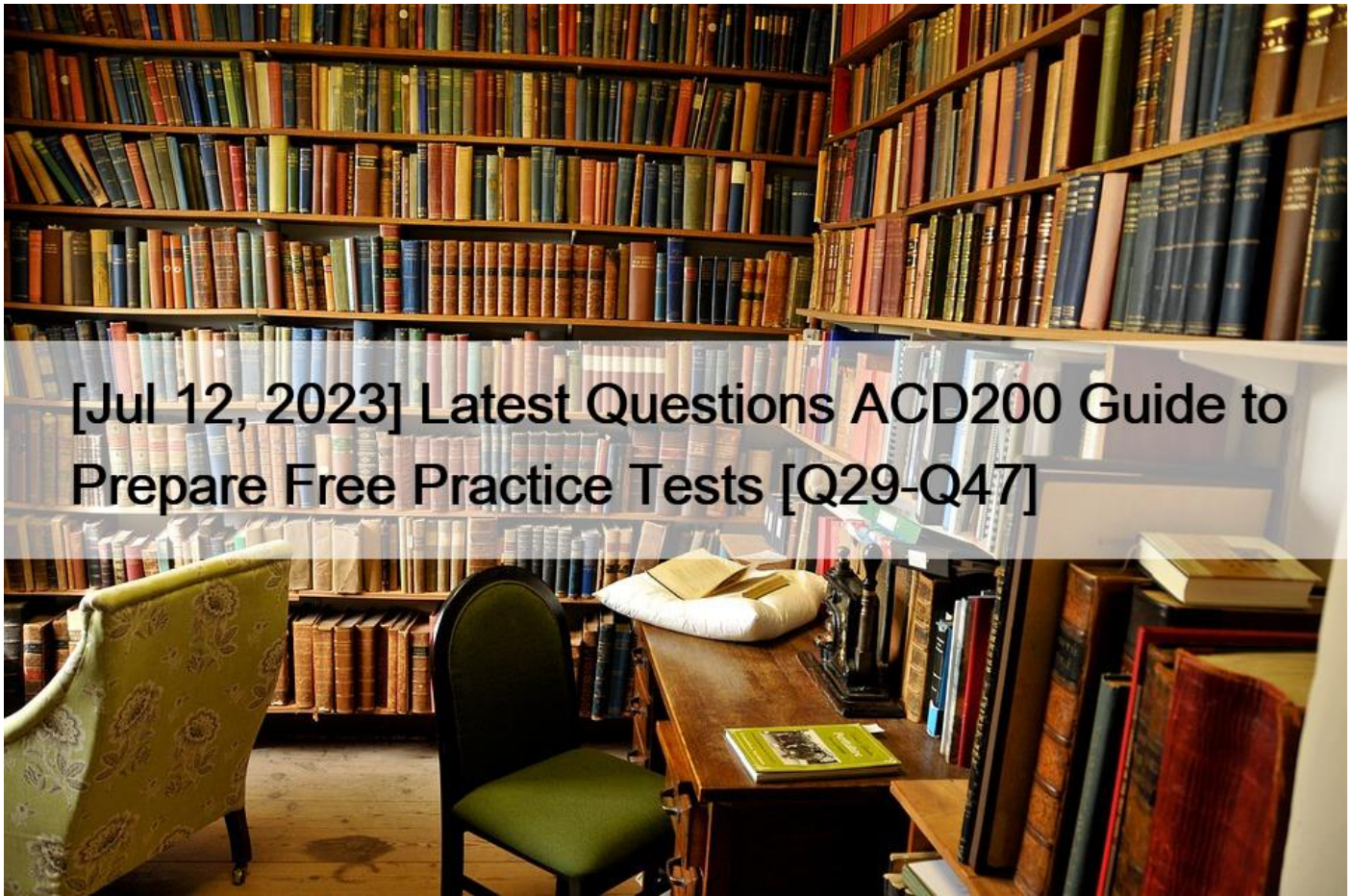


[Jul 12, 2023 Latest Questions ACD200 Guide to Prepare Free Practice Tests [Q29-Q47]



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The Appian ACD200 certification is highly valued in the market, and it is a testament to a developer's mastery of Appian's platform. This certification can help developers advance their careers and increase their earning potential. Moreover, it can help organizations identify and hire top talent to build complex business applications using Appian's low-code platform. Overall, the Appian ACD200 certification is an excellent investment for developers who want to take their Appian development skills to the next level.

NO.29 You are designing a case management application. The initiator creates a case, and the reviewer reviews it approximately 7 days later.

You have already designed a process model for the initiators to create the case.

Which process model design will result in the lowest memory impact? (Choose the best answer.)

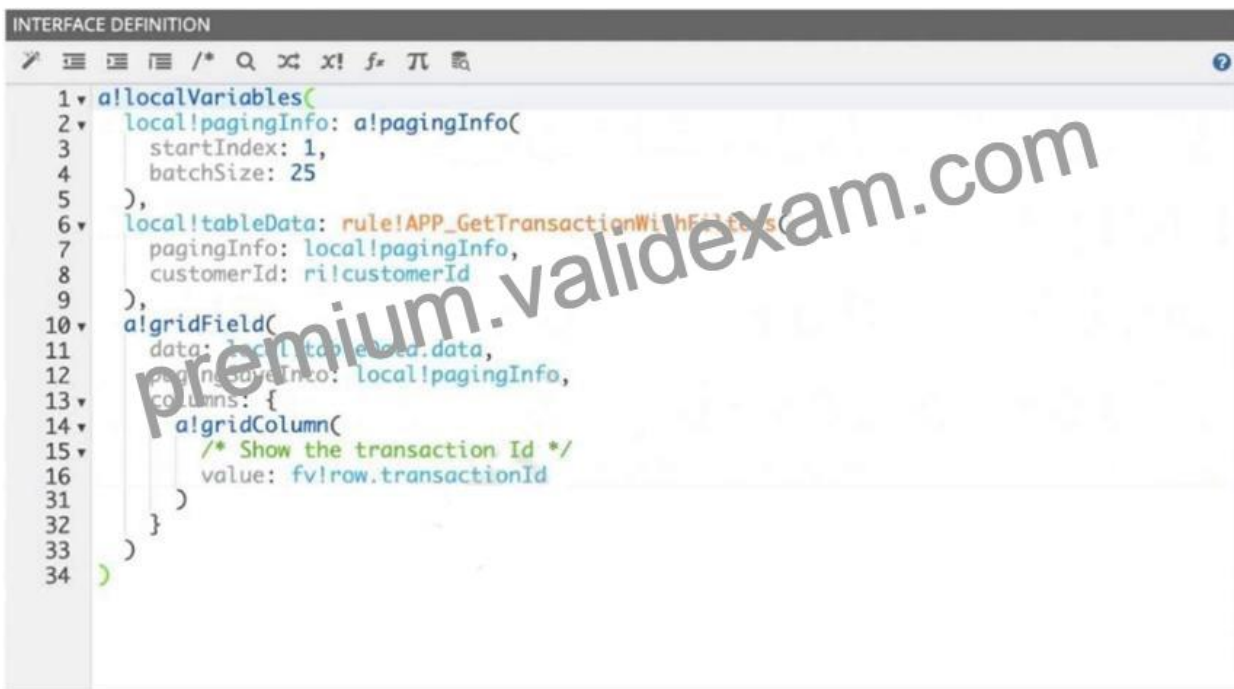
* When all case details are entered, the case appears as a case record, and when the reviewer is ready to review the record, they can

do so via a related action from the case record.

- * When all case details are entered, the process flow will proceed and assign a task to the reviewer to review the record.
- * When all case details are entered, the process flow will call a Start Process node to initialize a review process model for the reviewer.
- * When all case details are entered, the process flow will call a Sub-Process node to initialize a review process model for the reviewer.

NO.30 Users are reporting that their application is slow to load customer records with many transactions.

Using performance monitoring tools, you find that the following interface definition is responsible for the vast majority of page load time:



```
1 v a!localVariables(  
2   local!pagingInfo: a!pagingInfo(  
3     startIndex: 1,  
4     batchSize: 25  
5   ),  
6   local!tableData: rule!APP_GetTransactionWithFilters(  
7     pagingInfo: local!pagingInfo,  
8     customerId: ri!customerId  
9   ),  
10  a!gridField(  
11    data: local!tableData.data,  
12    pagingInfo: local!pagingInfo,  
13    columns: {  
14      a!gridColumn(  
15        /* Show the transaction Id */  
16        value: fv!row.transactionId  
31      )  
32    }  
33  )  
34 )
```

You also notice that both queries (rule!APP_GetTransactionsWithFilters and rule!APP_GetTransactionTypeWithFilters) take about 25 milliseconds each to execute when you test them using expression editor.

Which change would decrease the load time of this interface component the most? (Choose the best answer.)

- * Don't fetch total count when getting transactions.
- * On line 4, increase the paginginfo batch size to 50 so more data is prefetched.
- * Use a synced record for Transactions to improve the query response time for the query performed on line 6.
- * Prefetched transaction types and use the displayvalue() function to display the Transaction Type for each transaction.

NO.31 Your organization is considering automating the running of expression rule test cases to provide unit tests for your Appian applications.

Which three methods could be used to launch a test run when required? (Choose three.)

- * Via the DevOps section of the Administration Console.
- * A process model invoked via an API.
- * A process model exposed to users as an action.

- * A web hook from a content versioning system (CVS).
- * A SAIL interface embedded in a report.

NO.32 You are creating an ERD that models the data for a college and includes a Many-to-Many relationship, Student-to-Class, where a student can be enrolled in multiple classes, and a class can enroll multiple students.

How can you handle this relationship so that it can be supported in Appian and remain in at least First Normal Form? (Choose the best answer.)

- * A joining table can be used to hold instances of Student/Class relationships.
- * The Student table should have a Class field to hold an array of Class IDs.
- * The Class table should have a Student field to hold an array of Student IDs.
- * It cannot be done, because Appian CDTs cannot handle Many-to Many relationships.

NO.33 You want to generate an email body which varies from one Appian environment to another. For instance, between DEV and TEST.

According to Appian best practices, how should you define the environment name? (Choose the best answer.)

- * Create an expression rule and update its value post-deployment.
- * Create an environment-specific constant.
- * Create a constant and update its value post-deployment.
- * Create a stored procedure.

NO.34 You are referencing and using arrays of a CDT (Custom Data Type).

Which two statements are true? (Choose two.)

- * Other Appian functions can be used within the square brackets `[]`; when using dot notation to return specific data from the array.
- * There is no difference between using `dot` notation and the `index()` function.
- * An array of integers can be passed as the second parameter to the `index()` function to return the data at those position in the array.
- * The function `wherecontains` can act on operands of different types.

NO.35 An organization has decided to integrate with a third-party to scan incoming documents and capture the details in a table called `[appian].[document]`. Each document will form a new case in Appian to be displayed on a Record List.

The record needs to show data from both `[appian].[document]` and `[appian].[caseData]`, which holds additional case information.

What is the most efficient way to achieve this?

- * Create a trigger on the `[appian].[document]` table to copy all the data across to the `[appian].[caseData]` table and point the record at `[appian].[caseData]`.
- * Create a SSIS package to run at a regular interval.
- * Create a view between both the `[appian].[document]` and `[appian].[caseData]` tables to feed the record.
- * Create a stored procedure to query the data from both the `[appian].[document]` and `[appian].[caseData]` tables.

NO.36 You are troubleshooting a process model instance with an error in a node.

Which two options will allow you to obtain more information about the error? (Choose two.)

- * Open the process model from the process instance.
- * View the Process Details dialog.
- * View the process model properties.
- * View the properties dialog of the affected node.

NO.37 You are creating a table to store book information for a library. The book has a reference number (ISBN_ID), as well as a unique identifier (BOOK_ID).

For the CDT to be created, which data type should you choose for the BOOK_ID? (Choose the best answer.)

- * Number (Integer)
- * Number (Decimal)
- * Date
- * Boolean

NO.38 Which two statements are true for importing Appian applications? (Choose two.)

- * It is not possible to undo changes from an import.
- * It is not possible to import the same application multiple times.
- * Applications from an earlier version of Appian can be imported into later versions of Appian.
- * Importing a published application changes its state to Unpublished and need to be published again.

NO.39 You are required to test a Related Action that updates record data

a. You need to make sure that the correct users can access the form and that the data is updating successfully.

Which is the most appropriate testing method to achieve this using Appian?

- * Unit Testing
- * User Interface (UI) Testing
- * Load Testing
- * Performance Testing

NO.40 While deploying a package to a target environment, object security warnings were detected.

In which two places can object security settings be changed in bulk? (Choose two.)

- * Application security summary
- * Administration Console
- * Compare and Deploy tool
- * Process model folder

NO.41 You want to approve or reject an incoming deployment.

Which three roles allow you to do so? (Choose three.)

- * Specified Reviewer Group
- * System Administrators
- * Application Viewers
- * Application Administrators Group
- * Application Editors

NO.42 When looking at the process model metrics for your application, you see that one of your process models has a low completion rate of 10%.

What are two potential causes of this? (Choose two.)

- * The process instances are long-lived compared to the configured days until archival or deletion.
- * A large number of instances are encountering process errors, and they are not being addressed by the production support team.
- * A large value is configured for days until archival or deletion compared to other process models in your application.

* A large number of smart service nodes are configured in the process model.

NO.43 Which user role should be used to allow external systems to invoke Appian web APIs?

- * Service Account
- * System Administrator
- * Application User
- * Designer

NO.44 You need to create and design an ERD that represents the client's bookstore inventory.

Match the entity descriptions to the most appropriate relationship. Each relationship type will be used once.

Customer to purchase transaction

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Edition to book

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Book to ISBN (Unique identifier)

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Author to book

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Customer to purchase transaction

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Edition to book

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Book to ISBN (Unique identifier)

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

Author to book

▼
One-to-one
Many-to-many
One-to-many
Many-to-one

NO.45 You need to create a service account for a consumer to access the Appian Web API.

Which user type should be created?

- * Initiator
- * System Administrator
- * Basic User
- * Editor

NO.46 More than one user is editing the same record in database.

With XSD, how do you avoid the collision of data from Application? (Choose the best answer.)

- * @Version
- * @OrderBy
- * @inheritance
- * @AssociationOverrides

NO.47 When creating a Web API, which two items are configured in the Administration Console? (Choose two.)

- * LDAP Authentication
- * API Key
- * Connected System
- * Service Account

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