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**Appian**

# ACD100

*Appian Certified Associate Developer*



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### Question: 1

Every business process, whether inside or outside of Appian, requires which of the following?

- A. Human interaction
- B. Defined steps
- C. Reporting
- D. Automation

**Answer: B**

### Question: 2

A client requested a feature that is exceptionally specific and uncommon.

You begin by gathering research to help determine how such a feature could be implemented, but no documentation is available.

What should you do next?

- A. Create a Support Case.
- B. Check The Appian Academy.
- C. Review the Appian Playbook.
- D. Ask the Appian Community.

**Answer: D**

### Question: 3

At what stage are you most likely to regularly refine the backlog?

- A. Optimize
- B. Release
- C. Build
- D. Initiate

**Answer: A**

Explanation:

The 'Optimize' stage in many development methodologies, including Appian's approach, often involves continuous improvement and iterative development. This is when the team frequently revisits and refines the backlog based on feedback, changing requirements, and lessons learned from previous sprints or iterations. Refining the backlog ensures that the most important and valuable features are prioritized and that the product or application continues to evolve to meet users' needs.

Here's a brief rundown on the other options:

- B. Release - While the backlog might be reviewed to ensure all required functionalities are present, the primary focus during the release phase is getting the product or feature out to the end-users.
- C. Build - At this stage, the team focuses on creating the solution. While the backlog might undergo some changes, it's not the primary stage for regular refinement.

D. Initiate - This is usually the starting phase where initial requirements are gathered, and the initial backlog is set up. The focus here is more on defining the scope and less on refining an existing backlog.

## Question: 4

### HOTSPOT

Match each sprint ceremony to its appropriate objective. Each objective may be used once, more than once, or not at all.

Sprint Retrospective

Select a match

The ceremony is designed for the Product Owner and Development Team to meet and review the prioritized Product Backlog.  
The Development Team showcases all of the work that has been completed during the sprint, allowing stakeholders to see the application and adapt the product going forward.  
This ceremony provides the team with a platform to discuss what is going well, what could go better, and some suggestions for changes going forward.  
The Development Team estimates the difficulty of developing a feature by using an abstract, but agreed upon, measurement of effort required to implement it.

Story Pointing

Select a match

The ceremony is designed for the Product Owner and Development Team to meet and review the prioritized Product Backlog.  
The Development Team showcases all of the work that has been completed during the sprint, allowing stakeholders to see the application and adapt the product going forward.  
This ceremony provides the team with a platform to discuss what is going well, what could go better, and some suggestions for changes going forward.  
The Development Team estimates the difficulty of developing a feature by using an abstract, but agreed upon, measurement of effort required to implement it.

Sprint Planning

Select a match

The ceremony is designed for the Product Owner and Development Team to meet and review the prioritized Product Backlog.  
The Development Team showcases all of the work that has been completed during the sprint, allowing stakeholders to see the application and adapt the product going forward.  
This ceremony provides the team with a platform to discuss what is going well, what could go better, and some suggestions for changes going forward.  
The Development Team estimates the difficulty of developing a feature by using an abstract, but agreed upon, measurement of effort required to implement it.

Sprint Review

Select a match

The ceremony is designed for the Product Owner and Development Team to meet and review the prioritized Product Backlog.  
The Development Team showcases all of the work that has been completed during the sprint, allowing stakeholders to see the application and adapt the product going forward.  
This ceremony provides the team with a platform to discuss what is going well, what could go better, and some suggestions for changes going forward.  
The Development Team estimates the difficulty of developing a feature by using an abstract, but agreed upon, measurement of effort required to implement it.

- wrong

## Answer: A

## Question: 5

A feature is being deployed to the test environment.

In which environment is unit testing performed for the feature?

- A. Upgrade
- B. Development
- C. Production
- D. Staging

**Answer: B**

**Question: 6**

Who is responsible for estimating the level of effort for Product Backlog items?

- A. Product Owner
- B. Testers
- C. Developers
- D. Scrum Master

**Answer: C**

**Question: 7**

During what stage of the Appian Delivery Methodology does story-pointing regularly occur?

- A. Build
- B. Optimize
- C. Release
- D. Initiate

**Answer: A**

Explanation:

<https://community.appian.com/success/w/guide/2974/the-appian-delivery-methodology-part-ii>

**Question: 8**

In the scrum lifecycle of a project, when should the team agree on the requirements for the Definition of Done?

- A. Before getting started on the project
- B. During the sprint retrospective
- C. During the backlog refinement
- D. After the sprint planning

**Answer: A**

Explanation:

Before getting started, teams need to make important decisions about how the extended team will work together during the project. These include: Scheduling the key ceremonies on a fixed cadence including: daily scrum, sprint planning, sprint review, backlog refinement, sprint review and the sprint retrospective. Design the development workflow and configure the project management tool (e.g. Jira). Define the deployment pipeline and configuration management process. Agree the Definition of Done (DoD) and Definition of Ready (DoR).

**Question: 9**

You need to query some data from the database using more than one filter.

Which parameter for `!query()` should you use to define your filters?

- A. filter
- B. logicalExpression
- C. aggregation
- D. selection

**Answer: B**

### Question: 10

A client asks you to store work location information for their employees. The client mentions that multiple employees may be assigned to multiple work locations.

Which type of database relationship is the client describing?

- A. One-to-Many (1:N)
- B. Many-to-One (N:1)
- C. Many-to-Many (M:N)
- D. One-to-One (1:1)

**Answer: C**

Explanation:

[https://docs.appian.com/suite/help/23.2/CDT\\_Relationships.html#many-to-many-relationship](https://docs.appian.com/suite/help/23.2/CDT_Relationships.html#many-to-many-relationship) Many-to-Many Relationship An example of this would be an application to manage Employees and Projects. Each Project has a team of multiple Employees, but a given Employee might currently be on more than one Project

### Question: 11

You need to update the table structure in the database, and then update the related CDT in Appian to publish the data store entity.

Column names in the database and the CDT are implemented using different naming conventions.

Which statement is appropriate in this scenario?

- A. You can update the CDT columns in Appian Designer, or update the CDT-related XSD and create a new version from that.
- B. You must update the CDT columns in Appian Designer.
- C. You don't need to make any manual changes. Appian automatically updates the CDT according to database changes.
- D. You must update the CDT-related XSD and create a new version from that.

**Answer: A**

### Question: 12

During User Acceptance Testing (UAT), a tester operating in the test environment asks you to change a data point in one of the tables.

In the development environment, you navigate to the database and adjust the data point that the tester described.

What is the issue with the steps taken?

- A. According to Appian best practices, changes should not be made directly in a database.
- B. The change to the database was made in the wrong environment.
- C. As an associate, you should not be communicating or coordinating directly with testers.
- D. The change was made without formally seeking approval from DevOps.

**Answer: B**

### Question: 13

Review the following table.

Given the following options are in MySQL, which option correctly alters the last row on the table?

- A. INSERT price = 0.9 -  
INTO product -  
WHERE product\_id = 3;
- B. MODIFY product -  
UPDATE price = 0.9 -  
WHERE product\_id = 3;
- C. SET product -  
(price) VALUES (0.9)  
WHERE product\_id = 3;
- D. UPDATE product -  
SET price = 0.9 -  
WHERE product\_id = 3;

**Answer: D**

### Question: 14

What is a Foreign Key?

- A. The key that cannot be used in any other table.
- B. The key that joins two tables together.
- C. The key that uniquely identifies a record.
- D. The key that uniquely identifies a record when joined with another column.

**Answer: B**

### Question: 15

You need to edit data in a table. You are currently using the following statement:

```
INSERT INTO product (productId, productName) VALUES (3, "App1e");
```

What is the issue?

- A. You should be using an UPDATE statement.
- B. You forgot the WHERE clause in your statement.
- C. You should be using a CREATE statement.
- D. You should be using an EDIT statement.

Answer: A

Explanation:

```
CREATE TABLE table_name (  
  
column1 datatype,  
  
column2 datatype,  
  
....  
);
```

Question: 16

When using "a!pagingInfo()" within "a!queryEntity()", which batch size value will return all items?

- A. -1
- B. 0
- C. null
- D. 500

Answer: A

Question: 17

Review the following table.

product_id	name	price
1	Blueberries	2.63
2	Apple	0.78
3	Orange	0.30

Which option correctly deletes the last row from the table?

- A. REMOVE product\_id = 3 IN product;
- B. DELETE FROM product WHERE product\_id = 3;
- C. DELETE product\_i = 3 FROM product;
- D. REMOVE FROM product WHERE product\_id = 3;

**Answer: B**

**Question: 18**

You have data from two unrelated tables.

Which Appian objects can easily relate data from these two tables?

- A. Process Models
- B. Expression Rules
- C. Custom Data Types
- D. Record Types

**Answer: D**

Explanation:

When creating a Record Type, you can define relationships to other Record Types, which enables you to link data from two or more unrelated tables. This is typically done by creating a foreign key field in the Record Type that references the primary key of another Record Type.

**Question: 19**

What is a way to start a process from an interface?

- A. Start Process Smart Service
- B. Process Start Event
- C. Process Messaging
- D. Start Process Link

**Answer: A**

**Question: 20**

An end-user needs to trigger a process model and act on the user task assigned to them.

What is the minimum security permission needed?

- A. Viewer
- B. Initiator
- C. Editor
- D. Manager

**Answer: B**

Explanation:

The "Initiator" permission allows a user to start a new instance of a process model and access any user tasks assigned to them in that instance. This permission does not allow the user to modify the process model or any of its components, but only to initiate and participate in a process.

### Question: 21

Which scenario would most commonly use a related action?

- A. Running a process every Friday morning that sends a reminder email to employees who haven't submitted their timesheet
- B. Starting a company-wide annual performance review process that tasks every employee to fill out a self-assessment
- C. Resetting the password on an employee who has forgotten their login credential
- D. Updating the status of an IT service request to "Closed", because an IT response is not necessary

**Answer: D**

### Question: 22

Your team lead mentions that the environment has been performing very slow lately, and the reason is unclear.

A process model is consuming a lot of memory, and this could be causing the slowness in the environment.

What are two valid solutions to this issue? (Choose two.)

- A. Manually delete processes that have already been completed or cancelled so it does not cause further performance issues.
- B. Configure the automatic process clean up so that it does not automatically clean-up processes.
- C. Delete processes after completion or cancellation by configuring the Data Management tab in the Process Model Properties.
- D. Archive processes after completion or cancellation by configuring the Data Management tab in the Process Model Properties.

**Answer: A,C,D**

### Question: 23

When setting the assignment of a User Input task, you need the task to be assigned to the person who started the process.

Which option is appropriate to use to accomplish this goal?

- A. pp!name
- B. pm!creator
- C. pp!initiator
- D. pm!name

**Answer: C**

### Question: 24

In a process model, you want all outgoing flows to start once all incoming flows have reached the node.

Which gateway is most appropriate to use?

- A. NAND
- B. OR
- C. XOR
- D. AND

**Answer: D**

### **Question: 25**

In addition to initiating the process model, what other permission is required to execute the Write to Data Store Entity smart service?

- A. Viewer permission to the data store
- B. Viewer permission to a constant that points to the data store entity
- C. Admin permission to the CDT
- D. Editor permission to the record

**Answer: A**



# SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

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