Advance Features of SQLServer 2005 for Aptech (ACCP 20007)

138 Questions I Created By vietha - 1552 days ago

This is theory test for advance sql server 2005. it is good for you and I.

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Question Excerpt

1. **This refer to parts of XML documents. These parts need not include the root element.**

   A. XML Views
   B. XML fragments
   C. Native XML storage

2. **The XML data type can be used to define:**
   - 3 choices.

   A. rowa
   B. columns
   C. parameters
   D. values
   E. variables

3. **Until an xml data type variables. parameter, or column is not associated with an xml schema it is called:**

   A. Typed XML data
   B. Untyped XML data

4. **Which statement of code is type xml data?**

   CREATE TABLE student(
   ID varchar(20) not null,
   Address xml (CONTENT studentAddress) null,

   A. Class xml

)
   CREATE TABLE student(
   ID varchar(20) not null,
   Address xml null,
   B. Class xml not null

)

5. **The XML data type enable storage of xml data in their native form, xml**

A.True
B.False

6. **XML data type variables or columns can only store complete XML documents.**
   A.True
   B.False

7. **Native XML storage makes it easy to map XML data into relational databases**
   A.True
   B.False

8. **XML data can provide a highly optimized querying environment by indexing.**
   A.True
   B.False

9. **XML views work best when data in database needs to be converted to xml**
   A.True
   B.False

10. **XML data storage in relational databases makes data management impossible.**
    A.True
    B.False

11. **XML document can be validated against their schemas sincean xml schema defines an xml document's basic structure.**
    A.True
    B.False

12. **ALTER XML SCHEMA COLLECTION statement permits developers to modify existing schema elements and attributes.**
    A.True
    B.False

13. **This method is used to shred an xml document into relational data.**
    A.query();
    B.value();
    C.nodes();
    D.modify();

14. **This method is used to retrieve fragments of an xml document.**
    A.value()

    B.data()

    C.query()
    D.nodes()

15. **Insert, append or delete XML document nodes.**
    A.modify
    B.nodes
    C.query

16. **Recreate xml fragments as specified by query.**
    A.modify
    B.exist
    C.query

17. **Transpose XML values to relational database**
    A.value
    B.exist
    C.nodes
    D.node

18. **You want to create a table store long distance train travel details. The table stores the journey, passenger and reservation details in the form of untyped XML data. Which one of the following codes will help you achieve this ?**
    A. CREATE TABLE LongDistanceDetails(TicketNumber varchar NOT NULL, JourneyDetails varchar NOT NULL, PassengerDetails varchar NOT NULL, ReservationDetails varchar NOT NULL)
    B. CREATE TABLE LongDistanceDetails(TicketNumber varchar NOT NULL, JourneyDetails XML, PassengerDetails XML (CONTENT Passenger) NOT

NULL, ReservationDetails varchar NOT NULL)

C. CRATE TABLE LongDistanceDetails(TicketNumber varchar NOT NULL, JourneyDetails XML, PassengerDetails XML, ReservationDetails XML)

D. CREATE TABLE LongDistanceDetails(TicketNumber varchar NOT NULL, JourneyDetails XML (CONTENT Journey) NOT NULL, PassengerDetails XML (CONTENT Passenger) NOT NULL, ReservationDetails XML (CONTENT Reservation) NOT NULL)

19. Which of these codes snippets about XML data type methods are true and which of these statements are false ?

A. SELECT StudentID FROM Students WHERE @student.exist('(/Age)[.="15"]')=1

B. SELECT @student.value('(/Student/Age)[1]', 'int(2)')

C. SELECT StudentID FROM Students WHERE @student.exist('(/Age)[.="15"]')=0

D. SET @student.modify('insert Aaroninto Student[1]')

E. SELECT StudentID FROM Students WHERE @student.exist('(/Age'="15")

20. Software entity that calls a service provider

A.Service Consumer
B.Service Locator

C. Service Broker

D.Services
E.Service Provider

21. Software entity that implements a service specification.

A.Service Consumer
B.Service Locator
C.Service Broker
D.Services
E.Service Provider

22. Service provider that can pass on service requests to one or more additional service providers.

A.Service Consumer
B.Service Locator
C.Service Broker
D.Services
E.Service Provider

23. Service provider that acts as a registry and allows for lookup of service provider interfaces and service location

A.Service Consumer
B.Service Locator
C.Service Broker
D.Services
E.Service Provider

24. Function in which consumers communicate through contract

A.Service Consumer
B.Service Locator
C.Service Broker
D.Services
E.Service Provider

25. SOA is an architecture that encourages tightly coupled communication between software services.

A.True
B.Fasle

26. Service-Oriented architecture is essentially a collection of services that communicate with each other

A.True
B.False

27. Service-Oriented terminology provides patterns
for design, development, deployment, and management of a loosely coupled
business application infrastructure

A.True
B.False

28. Service consumer can be a client application, a
server application such as a Web server, or any other kind of application.

A.True
B.False

29. Service is a function that directly depends on the
state of other service.

A.True
B.False

30. A group sharing similar dialog conversations.

A. Endpoints

B.Service Broker Security
C.Conversation Groups
D.Messages
E.Dialogs

31.
A conversation that takes place between two Service
Brokers.

A.Endpoints
B.Service Broker Security
C.Conversation Groups
D.Messages
E.Dialogs

32. An entity that is exchanged between Service
Brokers

A.Dialogs
B.Endpoints
C.Conversation Groups
D.Service Broker Security
E.Messages

33.
Supports communication between two services and
connection between two databases along with authentication

A.Endpoints
B.Dialogs
C.Service Broker Security
D.Conversation Groups
E.Message

34. Responsible for the communication in Service
Broker

A. Conversation Groups

B.Endpoints
C.Service Broker Security
D.Dialogs
E.Messages

35. The messages are read one after another from the
same queue by multiple programs

A.True
B.False

36. Service Broker handles ordering of messages,
conversation identification, and unique delivery automatically.

A.True
B.False

37. Service Broker's integrated design is beneficial
for application performance and administration

A. True

B. Fasle

38. Defines the type of message data

A. Services

B. Message Types
C. Service Program
D. Queues
E. Contracts

39. Agreement that specifies who sends the message and what message types are sent.

A. Message Types
B. Contracts
C. Queues
D. Services
E. Service Type

40.

Holds messages as long as they do not expire

A. Message Type
B. Service Program
C. Services
D. Queues
E. Contracts

41.

Receives the messages from a queue and send the messages to services.

A. Message Type
B. Service Program
C. Queues
D. Services
E. Contracts

42.

Handles and processes all the messages when they arrive at the server.

A. Message Type
B. Service Program
C. Services
D. Queues
E. Contracts

43. All Service Broker applications use conversations for their reliable communication

A. True
B. Fasle

44. All Service Broker applications communicate using dialogs for reliable communication

A. True
B. False

45. Service Broker delivers messages in an Exactly-Once-In-Order fashion

A. True

B. False

46. The first message dialog sent by the Service Broker has the message_sequence_number of one

A. True
B. False

47. When conversations are going on between various SQL Server instances, Service Broker use the routes to direct the messages.

A. True

B.False

48.

Any type of message body is acceptable.

A.NONE
B.Well Formed xml
C.Well Formed Xml Schema
D.Empty

49. Only an empty message body is acceptable

A.NONE
B.Well Formed XML
C.Well Form XML Schema
D.EMPTY

50.

Only a message body with valid XML is acceptable.

A.NONE
B.Well Formed XML
C.Well Formed XML Schema
D.EMPTY

51. Only a message with valid XML and XML schema is acceptable

A.NONE
B.Well Formed XML
C.Well Formed XML Schema
D.EMPTY

52.

Arrange the following steps in sequence to create the service in Service Broker

1. **Create a contract**

2. **Create an application that uses functions**

3. **Create a service**

4. **Create the message type**

5. **Create a queue.**

A.1-3-2-4-5
B.4-1-2-5-3

C.4-1-5-3-2
D.2-3-4-1-5

53. Which of the following is the correct code to send the message from service consumer to service provider

```
DECLARE @dialog_handle1
FROM SERVICE [//Adventure-Service.com/Provider]
TO SERVICE '//Adventure-Service.com/Consumer'
DECLARE @msgString NVARCHAR(MAX)
```
A.SET @msgString = N'Welcome';
```
SEND ON CONVERSATION @dialog_handle1
MESSAGE TYPE
[//Adventure-Service.com/Adventure/AdventureSales]
(@msgString)
DECLARE @dialog_handle1
BEGIN DIALOG CONVERSATION @dialog_handle1
FROM SERVICE [//Adventure-Service.com/Provider]
TO SERVICE '//Adventure-Service.com/Consumer'
```

B.ON CONTRACT
[//Adventure-Service.com/Adventure/Contract]
DECLARE @msgString NVARCHAR(MAX)
SET @msgString = N'Welcome';
SEND ON CONVERSATION @dialog_handle1
DECLARE @dialog_handle1
BEGIN DIALOG CONVERSATION @dialog_handle1
FROM SERVICE [//Adventure-Service.com/Provider]
TO SERVICE '//Adventure-Service.com/Consumer'
ON CONTRACT

C.[//Adventure-Service.com/Adventure/Contract]
DECLARE @msgString NVARCHAR(MAX)
SET @msgString = N'Welcome';
SEND ON CONVERSATION @dialog_handle1
MESSAGE TYPE
[//Adventure-Service.com/Adventure/AdventureSales]
(@msgString)
DECLARE @dialog_handle1
BEGIN DIALOG CONVERSATION @dialog_handle1
ON CONTRACT
[//Adventure-Service.com/Adventure/Contract]

D.DECLARE @msgString NVARCHAR(MAX)
SET @msgString = N'Welcome';
SEND ON CONVERSATION @dialog_handle1
MESSAGE TYPE
[//Adventure-Service.com/Adventure/AdventureSales]

54.

Web Services are services available on the Web

A.True
B.False

55. Web Services are platform independent, but not language independent

A.True
B.False

56. Web Services fail to encourage reusability

A.True
B.False

57. Web Services makes use of industry-supported standards

A.True
B.False

58. The existing components and libraries can be easily exposed as Web Services

A.True
B.False

59. SOAP is a protocol for the exchange of information in decentralized and distributed environments

A.True
B.False

60.

Exchanging SOAP messages leads to time consuming way for communicating with Web Services.

A.True
B.False

61. SOAP encourages distributed computing

A.True
B.False

62.

SOAP defines application semantics such as a programming model or implementation-specific details

A.True
B.False

63. SOAP message consists of an XML document with a header and a body

A. True
B. Fasle

64. Http.sys receives requests and forwards to SQL Server based on an HTTP endpoint.

A. True
B. False

65.
   IIS needs to be installed to listen for the requests in SQL Server 2005

A. True
B. Fasle

66.
   Native HTTP allows implementing a database as a service to be accessed on the Web

A. True
B. False

67. WSDL document helps to create a proxy class to call a Web Service

A. True
B. Fasle

68. Web Service methods provide access to database objects

A. True

B. False

69.
   Document that helps in creating a proxy class, understand methods and parameters passing.

   Http.sys

A.

B. WSDL Document Generation
C. Access to database objects.
D. Native HTTP requirements.
E. Receiving requests.

70. Requires installation of Windows 2003 to support native HTTP

A. Receiving requests.
B. Access to database objects.
C. WSDL Document Generation
D. Http.sys
E. Native HTTP requirements

71.
   Combines a single method to an individual SQL Server object, to provide access to database objects.

A. WSDL Document Generation
B. Native HTTP requirements
C. Receiving requests
D. Access to database objects.
E. Http.sys

72. Receives the HTTP request from the client

A. Native HTTP requirements
B. Http.sys
C. WSDL Document Generation
D. Receiving requests
E. Access to database objects.

73.
   The HTTP request is forwarded to SQL Server.

A. Access to database objects.

B.Receiving requests
C.Http.sys
D.Native HTTP requirements
E.WSDL Document Generation

74.

Which one of the following code snippets is a valid code snippet for creating HTTP endpoints?

A.
```
CREATE ENDPOINT sqlEndpoint
STATE = STARTED AS HTTP(
PATH = '/sql',
AUTHENTICATION = (INTEGRATED),
PORTS = (CLEAR) )
```

B.
```
CREATE sqlEndpoint
STATE = STARTED AS HTTP(
PATH = '/sql',
AUTHENTICATION = (INTEGRATED),
PORTS = (CLEAR) )
```

C.
```
GRANT ENDPOINT sqlEndpoint
STATE = STARTED AS HTTP(
PATH = '/sql',
AUTHENTICATION = (INTEGRATED),
PORTS = (CLEAR) )
```

D.
```
CREATE POINT sqlEndpoint
STATE = STARTED AS HTTP(
PATH = '/sql',
AUTHENTICATION = (INTEGRATED),
PORTS = (CLEAR) )
```

75.

CREATE LOGIN statement is used to add a user to the SQL Server 2005 security system.

A.True
B.False

76. GRANT ACCESS statement is used to grant permission to a user for stored procedures

A.True
B.False

77.

GRANT CONNECT ON ENDPOINT statement grants permission to the user to connect to the HTTP endpoint.

A.True
B.False

78.

Endpoints can be altered by any of the members.

A.True
B.False

79. ALTER ENDPOINT statement permits adding, removing and altering a WEBMETHOD from the endpoints

A.True
B.False

80. Which statement is used to grant permission for stored procedure or user-define function?

A.GRANT ACCESS TO
B.GRANT EXECUTE TO
C.GRANT EXECUTE ON TO
D.GRANT ACCESS ON TO

81.

Uses e-mail, SMS, data files for the channel of communication.

A. Event

B.Subscription
C.Subscriber
D.Notification

82.

Entity interested in being notified when an event occurs.

A. Notification

B. Subscription

C. Subscriber

D. Event

83.

Channel of communication.

A. Subscriber
B. Subscription
C. Event
D. Notification

84.

Action that occurred affecting the specified data.

A. Notification
B. Event
C. Subscriber
D. Subscription

85.

An act by which subscriber describes when and what to be notified on.

A. Subscription
B. Subscriber
C. Notification
D. Event

86.

Which of the following tasks in Notification Services are correct and which are incorrect? - 3 choices

Events format notifications.

A.

B. Distributor sends notification to subscribers
C. Event data stored in application database.
D. Generator runs every five seconds.
E. Subscriber data stored in database

87.

Which of the following tasks in Notification Services are correct and which are incorrect? -2 choices

A. Subscription data stored in database.
B. Generator collects event data.
C. Generator matches subscriptions and events.

88.

Which of the following actions for creating and configuring a Notification Services application are correct and which are incorrect? - 3 choices

Create a stored procedure.

A.

B. Create custom event providers.
C. Create program definition file.
D. Create subscription management application.

E. Create instance configuration file.

89.

Which of the following actions for creating and

configuring a Notification Services application are **correct** and which are incorrect?

A. Deploy notification services application.

B. Deploy the target device.
C. Unregister the target device.

90.

You want to define a SQL Server event provider named SQLStockWatch in the application definition file. Which one of the following codes will help you to achieve this?

P0DT00H00M60S

PT4M

EventsQuery

A. SELECT StockID, StockPrice, StockName FROM Stock

EventClassName
StockEvents

SQLStockWatch
SQLProvider
SERVER304

P0DT00H00M60S

B. PT4M

EventClassName
StockEvents

SQLStockWatch
SQLProvider
SERVER304

P0DT00H00M60S

PT4M

C. EventsQuery

SELECT StockID, StockPrice, StockName FROM Stock

EventClassName
StockEvents

SQLStockWatch

P0DT00H00M60S

PT4M

D. EventsQuery

SELECT StockID, StockPrice, StockName FROM
Stock

91.

Specifies a device that can receive notifications.

A. NSInstance

B. SubscriberDevice

C. SubscriberLocale

D. Subscription
E. Subscriber

**92. Specifies a geographic region for which a
notification will be formatted**

A. Subscriber
B. Subscription
C. SubscriberLocale
D. NSInstance
E. SubscriberDevice

93.

Specifies a Notification Services instance.

A. SubscriberDevice
B. NSInstance
C. SubscriberLocale
D. Subscription

E. Subscriber

94.

Specifies a single subscription

A. Subscriber
B. Subscription
C. SubscriberLocale
D. NSInstance
E. SubscriberDevice

**95. Enables to manipulate subscriber information in
Notification Services instance**

A. SubscriberDevice
B. NSInstance
C. SubscriberLocale
D. Subscription
E. Subscriber

**96. Subscriptions define what notifications the
subscriber wishes to retrieve**

A. True
B. False

**97. Subscriber can be a person identified by
subscriber identification**

A. True
B. False

98. Subscription management interface can be an
ASP.NET Web application

A. True
B. False

99. Subscription management interface does not
require subscriptions, and subscriber devices to create notification
services

A. True
B. False

100.

Subscriber device is not the endpoint for
notification delivery.

A. True
B. False

101. You want to configure an e-mail delivery channel
for the instance of Notification Services. Which one of the following
codes
will help you to achieve this?

A.
FineChannel
C:\File.xml

B.
EmailChannel
SMTP

C.
EmailChannel
http://aptech-education.com

D. EmailChannel
File or
C:\File1.xml

102.

Notification Services uses internal channels for
the final delivery of notification.

A. True
B. False

103.

Notification Services delivers notifications to the
delivery endpoint by the protocol specified by the delivery channel

A. True
B. False

104.

The generator writes notification to internal
notification table.

A. True
B. False

105.

Custom control formatters can be developed to
format notifications for the device and locale.

A.True
B.False

106. **The generator does the notification formatting and distribution in Notification Services.**

A.True
B.False

107. **Delivery Channels of Notification are:**
- 3 choices

A.POP3 channel
B.SMTP channel
C.Email channel
D.HTTP channel
E.File chnnel

108.

A class consisting of properties and methods is created for defining a UDT

A.True
B.False

109.

A CLR UDE can have only a single element.

A.True
B.False

110.

Complex UDT enhances the performance of the system.

A.True
B.False

111.

A UDT is used to define a column in a table.

A.True
B.False

112.

You want to register the Email assembly in the AdventureWorks database. The assembly cannot access the external resources and
it should present in D:\Project\EMail\Email\bin\Debug directory. Which one of
the following codes will help you to achieve this?

CREATE ASSEMBLY Email
A.FROM 'EMail\EMail\bin\Debug\Email.dll'
ITH PERMISSION_SET = SAFE
USE AdventureWorks
CREATE ASSEMBLY Email
B.FROM
'D:\Project\EMail\EMail\bin\Debug\EMail.dll'
WITH PERMISSION_SET = SAFE
CREATE ASSEMBLY EMail
C.'FROM 'D:\Project\EMail\EMail\bin\Debug\EMail.dll'
USE AdventureWorks
CREATE ASSEMBLY EMail
D.'FROM 'D:\Project\EMail\EMail\bin\Debug\EMail.dll'
WITH PERMISSION_SET = UNSAFE

113.

Satisfied by MAX and MIN function

A.MaxByteSize
B.IsNullIfEmpty
C.Format
D.IsInvariantToNulls
E.IsInvariantToDuplicates

114.

Specified in bytes the maximum size allowed for storing the state of the aggregate.

A.IsInvariantToDuplicates
B.IsInvariantToNulls
C.Format

D.IsNullIfEmpty

E.MaxByteSize

115.

Specifies the serialization format.

A.MaxByteSize

B.IsNullIfEmpty

C.Format

D.IsInvariantToNull

E.IsInvariantToDuplicates

116.

**Indicates if no value is returned then aggregate
returns null.**

A.IsInvariantToDuplicates

B.IsInvariantToNull

C.IsNullIfEmpty

D.MaxByteSize

E.Format

117.

Satisfied by COUNT function.

A.Format

B.IsInvariantToNull

C.IsInvariantToDuplicates

D.IsNullIfEmpty

E.MaxByteSize

118.

**The SqlUserDefinedAggregate attribute is used
before using a CLR aggregate function.**

A.True

B.False

**119. The Init () method is used to initialize the
aggregate computation.**

A.True

B.False

120.

**The Merge () method is used to merge an aggregate
object with another object.**

A.True

B.False

121.

**The Accumulate () method is used to process the
aggregate value into discrete value.**

A.True

B.False

**122. The Terminate () method terminates the
aggregation process**

A.True

B.Fasle

123.

**You want to create a scalar-valued function named
CurrencyConverter, which converts US dollar to Chinese Yuan. Which
one of
following codes will help you to achieve this?**

public partial class UserDefinedFunctions

{

[SqlUserFunction]

A. public static SqlDecimal CurrencyConverter()

{

return new SqlDecimal(((Int16)value * 7.10);

}

};

public partial class UserDefinedFunctions

{

```
    [SqlUserFunction]
    (DataAccess=DataAccessKind.None)]
B.  public static SqlDecimal CurrencyConverter()
    {
    return new SqlDecimal(((Int16)value * 7.10);
    }
    };

    public partial class UserDefinedFunctions
    {
    public static SqlDecimal
    CurrencyConverter(SqlInt16 value)
C.  {
    Return new SqlDecimal(((Int16)value * 7.10);
    }
    };

    public partial class UserDefinedFunctions
    {
    [SqlFunction (DataAccess=DataAccessKind.None)]
    public static SqlDecimal
D.  CurrencyConverter(SqlInt16 value)
    {
    Return new SqlDecimal(((Int16)value * 7.10);
    }
    };
```

124. CLR is a runtime environment that manages the execution of .NET code

A.True
B.Fasle

125.

CLR is also known as Virtual Runtime System.

A.True
B.False

126.

CRL compiles the code into Microsoft Intermediate Language.

A.True
B.False

127.

CLR forms the core of Microsoft .NET programming initiative.

A.True
B.False

128.

CLR executes non-managed code.

A.True
B.False

129.

Database engine hosting the CLR environment execute managed codes.

Streamlined Model

A.

B.UDT & Aggregate Functions

C.Improved Safety & Security
D.Enhanced Programming Model
E.Improved Performance

130.

Microsoft .NET Framework compilation and execution model improves the performance over T-SQL.

A.Improved Performance
B.Enhanced Programming Model
C.Improved Safety & Security

D.UDT & Aggregate Functions
E.Streamlined Model

131.

Developers develop and debug database objects and scripts from within the .NET development environment.

A.Improved Performance
B.Enhanced Programming Model
C.Improved Safety & Security
D.UDT & Aggregate Functions
E.Streamlined Model

132.

Microsoft .NET Framework languages provide different programming constructs and capabilities.

A.Streamlined Model
B.UDT & Aggregate Functions
C.Enhanced Programming Model
D.Improved Safety & Security
E.Improved Performance

133. Two new database objects that expands the storage and querying capabilities of SQL Server

A.Improved Performance
B.Enhanced Programming Model
C.UDT & Aggregate Functions
D.Improved Safety & Security
E.Streamlined Model

134.

Executes the command received as an argument and returns the result set.

Send

A.
  ☐ ExecuteAndSend

B.SendResultsEnd
C.SendResultsStart
D.ExecuteAndSend

E.SendResultsRow

135.

Returns a string message or a single row result set to the client.

A.SendResultsRow
B.ExecuteAndSend
C.SendResultsStart
D.SendResultsEnd
E.·Send

136.

Sets the SqlPipe object to its original state.

A.Send
B.SendResultsEnd
C.ExecuteAndSend
D.SendResultsRow
E.SendResultsStart

137. Sends a single row of data

A.SendResultsStart
B.SendResultsRow
C.ExecuteAndSend
D.SendResultsEnd
E.Send

138.

Marks the beginning of the result set from a stored procedure.

A.Send
B.SendResultsEnd

C.ExecuteAndSend
D.SendResultsRow
E.SendResultsStart

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advance sql server

Advance Features

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Physical Features

World Features

Countries of the world and other features

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Aptech ADVN Session 1: Attribute