ACCP Prime DISM Paper

1.Which of the following are file formats that Polybase supports?
- Delimited text
- Hive RCFile
- Hive OCR
- All of these

2. _____is a SQL Server counter that stores the amount of time CPU has been executing SQL Server code.

- @@Connectionso
- @@CPU_BUSY
- @@PACKET_ERRORS
- @@PACKET_TRACE

3.Which of the following are functions of the control node in the Polybase architecture? Choose one or more.

- Parse T-SQL queries
- Manage Parallel queries
- Bring data temporarily to the SQL Server
- All of these

4.Arrange in sequence the following steps migrate data to Azure:

1. On the Object Explorer select and enable the database for Stretch.
2. Create an Azure account.
3. Monitor data migration with sys.dm_db_rda_migration_status.
4. Enable remote data archive on the table.

A. 1,2,3,4
B. 2,1,4,3
C. 2,3,4,1
D. 3,2,1,4

5. A_____can appear between the characters in string values to make code more comprehensible.
- White space
- Solidus
- BackSpace
- Reverse solidus

6._____accepts data in the form of key and value pairs and each key is distinct.
- Vector0
- Set
- List
- **Map**

7.JSON_____specifies the rules that define the structure of a JSON document.
- **Schema0**
- Comments
- Metadata
- Hyper Schema

8.Which of the following string types is used to represent a page break especially while printing and is used as a part of test value or a Uniform Resource Locator (URL) respectively?
- **Form feed, Carriage return**
- Reverse solidus, solidus
- Form feed, Solidus
- Form feed, Reverse solidus

9.Which of the following are valid JSON statements?
- ❏ {}
- ❏ {"p":"","p"."q"}
- ❏ **{"p":[],"x":1}**
- ❏ **{1 :"x","x":1}**

10.Strings are delimited with_____and support a backslash escaping syntax.
- Single -quotation
- **Double -quotation**
- Comma
- Colon

11.Which of the following are characteristics of object data type?

- ❏ **It is a non -sequential (having no order) set of key/value pairs**
- ❏ **It is enclosed in curly braces {.}**
- ❏ **Each key/value pair is set apart by comma (,) and every key is preceded by colon(:)**
- ❏ It is enclosed in square brackets [.]

12.MSDTC uses the classes present in_____for managing distributed transactions on cloud.
- System Uploads.
- **System.Transactions.**
- System.Cache.
- TransactionScope.

13.Which of the following methods can be used to create a command for a specific connection?

- OleDbCommand
- CreateCommand
- <mark>SqlCommand</mark>
- DbConnection

14.Can you rearrange the steps given below to edit or delete existing subscriptions?
- A. In the General section, click Subscription.
- B. Click the All Services option.
- C. Select Manage, Cancel subscription or Upgrade subscription on the displayed menu bar.
- D. From the subscription page, select the required subscription.

- <mark>B, A, D, C</mark>
- A, B, C, D
- A, C, D, B
- A, B, D, C

15.Arrange the steps for cloud testing in proper sequence.

- A. Design test cases , (2)
- B. Select cloud service provider , (3)
- C. Step infrastructure , (4)
- D. Develop user scenarios , (1)
- E. Leverage cloud servers , (5)
- F. Monitor testing goals , (7)
- G. Deliver results , (8)
- H. Start testing , (6)

DABCEHFG

16.Azure Cosmos DB is similar to_____.

- <mark>NoSQL database</mark>
- MySQL
- Oracle database
- Relational databases

17.EF6 requires_____support
- NET
- Connector

- Connector/NET
- SQL

18.ASP.NET Web API refers to a framework that allows producing_____services easily.
- HTTP
- HTML
- XML
- Java

19.The_____class is a combination of the Hashtable class and the ArrayList class.

- SortedList
- Collection
- List
- Dictionary

20._____are a kind of parameterized data structures that can work with value types as well as reference types.

- Iterators
- ArrayList
- Generics
- Enumerator

21.A_____is a reference type that contains declarations of the events, indexers, methods, and properties.

- delegate
- Enumerator
- Interface
- Namespace

22.The_____namespace is imported by default in the .NET Framework and it appears as the first line of the program.

- Collections
- Data
- Web
- System

23.What is the function of key containers?

- To securely store asymmetric keys
- To securely generate asymmetric keys
- To securely share the public key
- To securely generate private key

24.What does the async keyword in a method signify?

- The method will continue executing after invoking an asynchronous operation.
- The method will start executing in a new thread.0
- The method will contain at least one await keyword and will wait until the asynchronous operation specified by the await keyword completes.
- The method will continue executing in the main thread even if a new thread is assigned to execute it

25.What does the following code achieve?

```
class Book
{

public string Title { get; set; }
public string Author { get; set; }
public float Price { get; set; }


}
```
- Creates auto-implemented properties named Title, Author, and Price
- Creates object initializers named Title, Author, and Price
- Creates collection initializers named Title, Author, and Price
- Creates Implicitly typed local variables named Title Author and Price

26.What will be the result of executing the following statement in the Main() method of a C# program?
        Console.Writeline("Hello from a C# program");
Choose the correct option for the code:
- Hello from a C# program
- The code will compile but will not execute

- The code will compile and execute but will not output anything
- The code will not compile

27.XMLwas developed over_____

- Troff and TEX
- GML
- SGML
- HTML

28.Match the following (1,2,3,4) with (a,b,c,d)

1 <xsl:template match = "Greeting">
2 <xsl:template match = "P//EM">
3 <xsl:template match = "/">
4 <xsl:template match="Product">
<xslt apply-templates select= "@Units"/>
</xsl:template>

a) Matching by ancestry
b) Matching by attribute
c) Matching by name
d) Matching by root

- a-1, b-2, c-3, d-4
- a-1, b-3, c-2, d-4
- a-4, b-3, c-2, d-1
- a-2, b-4, c-1, d-3

29.EF queries are converted to_____queries for underlying databases.

- XML
- SQL
- API
- Reference

30.Which of the following code declares the delegate Calculation with the return type and the parameter types asinteger?

- public delegate int Calculation(int numOne, int numTwo);
- public delegate Calculation(int numOne, int numTwo);
- delegate int Calculation(int numOne, int numTwo);
- delegate Calculation(int numOne, int numTwo);

31.In C#_____,are created using delegates.

- exceptions
- events
- synchronization
- Othreads

32.EDM consists of_____primary parts.
- Two
- Five
- Six
- Three   ---->(conceptual model ,mapping and storage model)
-

33.Match the column.

SI No.	Left Column	SI No.	Right Column	Correct Answer for column A		
A1	XSLT	B1	Language for navigating XML documents.	○ B1	⦿ B2	○ B3
A2	XPath	B2	Language for transforming XML documents.	⦿ B1	○ B2	○ B3
A3	XSL-FO	B3	Language for formatting XML documents.	○ B1	○ B2	⦿ B3

Match The Column:

A1   B1
A2   B2
A3   B3

34._____refers to adherence to basic XML syntax rules while_____refers to adherence to the DTDs too.

- Validity, Well -formed
- Well -formed, Validity
- Internal DTDs, Validity

- Well -formed, Internal DTDs

35. <!ELEMENT element -name (child -name)>

Which of the following does the above syntax represent?

- **Only One Occurrence**
- Minimum One Occurrence
- Zero or More Occurrences
- Zero or One Occurrences

36. Which of the following is a Valid XML document?

This the valid XML Document:

A) <?xml version="1.0" encoding="IS0-8859-1"?>
<IDOCTYPE Flight [
<!ELEMENT Flight (ID, Source, Destination, Departure, Arrival)>
<!ELEMENT ID (#PCDATA)>
<!ELEMENT Source (#PCDATA)>
<ELEMENT Destination (#PCDATA)>
<ELEMENT Departure (#PCDATA)>
<!ELEMENT Arrival (#PCDATA)>
1>
<Flight>

<ID>John Fernando</ID>
<Source>Beijing</Source>
<Destination>Amsterdam</Destination>
<Departure>01:55 PM</Departure>
<Arrival>09:50 PM</Arrival>
<Duration>13hr 55mn</Duration>
</Flight>

37. A_____is a set of items of the same or different data types.

- Array
- Event
- **Collection**   --> (Not Confirm)
- List

38.Which of the following syntaxes for sorting in XSLT is correct?

A) <xstsort
case-order="lower-first" & "upper -first"
data-type='number" "qname" & "text"
order="ascending" & "descending"
select="expression">
</xsi:sort>

B) <xstsort
case-order="upper-first I "lower -first"
data -type= "number" "qname" I "text"
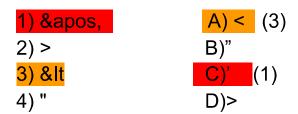order="ascending" I "descending"
select="expression">
</xsi:sort>

C) <xstsort
case-order="upper-first" I "lower -first"
data-type='number" "qname" I "text"
order="ascending" I "descending"
select="expression" I>
D) <xsi
case-order="upper-first" I "lower -first"
data-type='number" "qname" I "text"
order="ascending" I "descending"I>

39.Match the following:

1) &apos,   A) <   (3)
2) >   B)"
3) &lt   C)'   (1)
4) "   D)>

40.The_____statement is not supported by SQL Azure due to which the user cannot switch between databases in SQL Azure.

- UPDATE
- USE
- INSERT

- ALTER

41. Values for a_____column are automatically generated.

- IDENTITY
- NULL
- DEFAULT
- GUID

42. Which of the following code snippets drops the Contact_number column from the table?

- MODIFY TABLE Employee DROP COLUMN [Contact_name],
- ALTER TABLE Employee DELETE COLUMN [Contact_name];
- ALTER TABLE Employee DROP COLUMN [Contact_name];
- ALTER TABLE Employee ADD COLUMN [Contact_name];

43. Match The Column:

A1	. ERROR_NUMBER()	B1	returns the name of the trigger or stored procedure where the error occurred.
A2	ERROR_SEVERITY()	B2	returns the number of error.
A3	ERROR_STATE()	B3	returns the severity.
A4	ERROR_PROCEDURE()	B4	returns state number of the error.

Match the Following:

A1-B4
A2-B3

A3-B1
A4-B2

44.Match The Following:

A1	Memory-optimized tables	B1	Recommends performance improvements
A2	sp_who	B2	Tables stored on memory
A3	Hekaton	B3	Monitor user information
A4	DTA	B4	In-memory OLTP

A1   B1
A2   B2
A3   B3
A4   B4

45.Which of the following function resolves the XSS and CSRF issues?

- jsoneval()
- jsonparse()
- jsonstring()
- jsonify()

46.A series of zero or other Unicode characters within double quotes and backslash escapes is termed as_____.

- Array
- String
- Object
- Number

48._____represents a collection of items that can be accessed by their index number.

- List
- Enumerator

- Collection
- Dictionary

49.Which of the following solutions are useful to process JSON data securely?

❏ Using JSON2 parser
❏ Using the jsonstring () method
❏ Using JSON-RPC
❏ Using XMLHttpRequests

50.In_____class, a high-level abstraction of notification functionality is provided between the source application and SQLServer.

- SqlNotificationRequest
- SqlDependency
- SqlCacheDependency
- SqlCache

49.Match the following:

A1	Null character	B1	Changes confidential data illegally
A2	Undefined type	B2	Calls for extra escaping for some characters
A3	Mass assignment	B3	Is an issue when used with C strings
A4	Eval	B4	Is not supported in JSON"

A1   B1
A2   B2
A3   B3
A4   B4

51._____is one of the most powerful features that was first introduced in .NET Framework 3.5.
- Entity SQL
- LINQ

- ADO.NET Data Provider
- EF AP

52.Which of the following are the Web services supported in .NET?

A: 1) ASP.NET Web Services
   2) Windows Communication Foundation (WCF)
   3) ASP.NET Web API Services

B: 1) ASP.NET Web Services
   2) ASP.NET Core
   3) ASP.NET Web API Services

C: 1) ASP.NET Web Services
   2) ASP.NET Core
   3) ASP.NET MVC

D: 1) ASP.NET Web Services
   2) ASP.NET Web API
   3) ASP.NET MVC

- A
- B
- C
- D

53.What is the function of the from? query keyword?
- Used to indicate how the elements in the returned sequence will look like when the query is executed.
- Used to group query results based on a specified key value.
- Used to sort query results in ascending or descending order.
- Used to indicate a data source and a range variable.

54.Which of the following restrictions for partial methods are true?

   1. The partial keyword is a must when defining or implementing a partial method
   2. Partial methods must return void
   3. Partial methods are implicitly public
   4. Partial methods can return ref but not out

- 1, 2, 4

- 1, 3, 4
- 1,2,3,4
- 1, 2, 3

55. Which of the following does not make a DTD ?

- Attribute declarations
- Element declarations
- Entity declarations
- Root Element declarations

56. Which statement starts the error processing for a session and displays an error message?

- EXECUTERROR
- SETERROR
- STARTERROR
- RAISERROR

57. Which triggers execute stored procedures when a session is established with a LOGO event?
- Login triggers
- Logon triggers
- Log triggers
- Logged triggers

59. Which of the following code snippets creates a table using the NULL NULL and NOT NULL keywords with column definitions?
- CREATE TABLE BookDetails (BookID int, Name varchar(40))
- CREATE BookDetails (BookID hit NOT NULL, Name varchar(40) NULL)
- CREATE TABLE BookDetails (BookID int NULL: Name varchar(40) NULL)
- CREATE TABLE BookDetails (BookID int NOT NULL, Name varchar(40) NULL)

60.Which of the following part of a JSON data structure is always in double quotes?

- Member
- Element
- Key
- Literal

61.Which of the following function converts a JavaScript value into a JSON string?

- JSON.string()
- JSON.stringify()
- JSON.tovalue()
- JSON.Convert()

63.Which of the following PHP functions decodes JSON structures?

- php_decode
- json_decode
- php_ison_decode
- Pj_decode

64.Which of the following objects is used to read a JSON file and display its contents in the browser?

- XMLJSONRequest
- HTTPJSONRequest
- XMLHttpRequest
- JSONHttpRequest

65.Which of the following Gson methods are useful for implementingJSON?

- ❏ json_encode()
- ❏ toJson()
- ❏ fromJson()
- ❏ json_decode()

66.An_____method is an inline nameless block of code that can be passed as a delegate parameter.

- anonymous
- named

- partial
- Unnamed

67.The_____types feature facilitates the definition of classes, structures, and interfaces over multiple files

- anonymous
- **partial**
- named
- Unnamed

68.What is the purpose of the ConcurrentDictionary<TKey, TValue> class?

- Provides a thread -safe implementation of a queue
- **Provides a thread -safe implementation of a dictionary of key -value pairs**
- Provides a thread -safe implementation of a stack
- Provides a thread -safe implementation of an unordered collection of elements

69.Which of the following code snippets uses a LINQ query to retrieve all student records stored in a Students table as Studententities?

- IQueryable<Customer> query = from c in dbContext.Customers select c;
- IQueryable<Customer> query = select c from c in dbContext.Customers;
- IQueryable<Customer> query = select c in dbContext.Customer;
- IQueryable<Customer> query = from c in dbContext.Customers select Customer;

70.The validity of a cache item is based on the_____.

- Memory used
- **Cache dependencies**
- Cache Directories
- Cache Systems

71.The_____method is used to add the dependent cache item.

- Cache.Delete()
- Cache.Save()
- **Cache.Insert()**
- Cache.Add()

72.There are_____types of expiration policies available for cache expiration.

- **Two**
- Three

- Five
- Six

73.Microsoft SQL Server database engine provides a relational_____named as Azure SQLDatabase.

- Virtual Database
- Infrastructure as a service (IAAS)
- Database -As -A Service (DBaaS)
- Platform as a Service (PaaS)

74.Data -driven workflows are also termed as_____.

- Queries
- Data Structure Store
- Azure table storage
- Pipelines

75.Arrange the steps for cloud testing in proper sequence.

A. Design test cases
B. Select cloud service provider
C. Step infrastructure
D. Develop user scenarios
E. Leverage cloud servers
F. Monitor testing goals
G. Deliver results
H. Start testing

- C. A. B. D. E. H. F. G
- C. A. B. D. E. G. F. H
- D. A. B. C. E. H. F. G
- G. A. B. C. E. F. D. H

76.Which of the following commands do we have to enter to add the CORS NuGet package?

- Install -Package Microsoft.AspNet.WebApi
- Install -Package Microsoft.AspNet.WebApi.Cors
- Install -Package Microsoft.AspNet.WebApi.Cors;
- Install -Package Microsoft.AspNet.WebApi.Cors;;

77.Restrictions or constraints can be applied to type parameters by using the_____keyword.
- select
- from

- **where**
- return

78. The_____interface defines methods to control the different generic collections.

- **ICollection**
- IDictionary
- IEnumerator
- IList

79. Which of the following classes can you use to perform symmetric encryption?

- ❏ **AesManaged**
- ❏ **TripleDESCryptoServiceProvider**
- ❏ RijndealManaged
- ❏ RSACryptoServiceProvider

80. An_____in XML, is a placeholder that consists of a name and a value.

- DTD
- ELEMENT
- **ENTITY**
- Root element

81. Which of the following programming constructs enable the user to specify a small block of code within the delegate declaration?

- Partial classes
- Static classes
- Methods with named arguments
- **Anonymous methods**

82. XML inherited DTDs from_____,which is an international standard for markup languages.

- troff anf TEX
- GML
- **SGML**
- HTML

83. The_____process involves converting data into textual form and passing it to a browser or so.

- Creation

- Access
- Modification
- <mark>Serialization</mark>

84. Which of the following does not make a DTD?

- Attribute declarations
- Element declarations
- Entity declarations
- <mark>Root Element declarations</mark>

85.

```
<xs:complexType name="Books">
        <xs:simple Content>
      <xs:extension base="xs:string">
            <xs:attribute name="BookCode" type="xs: positiveinteger>
        </xs:extension>
            </xs:simpleContent>
        </xs:complexType>
```

Which of the following does the above piece of code represent?

- Empty Elements
- Mixed
- Only Elements
- <mark>Only Text</mark>

86. Which of the following code snippets list all the product ids of both tables that match with each other using the UNION operator?

- SELECT ProductId FROM Product INTERSECT SELECT ProductId FROM SalesOrderDetail
- SELECT ProductId FROM Product EXCEPT SELECT ProductId FROM SalesOrderDetail
- <mark>SELECT ProductId FROM Product UNION SELECT ProductId FROM SalesOrderDetail</mark>
- SELECT ProductId FROM Product MERGE SELECT ProductId FROM SalesOrderDetail

87.Which of the following ice Valid XML document?

A) <?xml version="1.0" encoding,
IS0-8859-1"?>

<IDOC TYPE Identification SYSTEM)
<!ELEMENT Identification (Name. Age. Gender)>
<!ELEMENT Name (# PCDATA)>
<!ELEMENT Age (NPCDATA)>
<!ELEMENT Gender (*PCDATA)>

<Identification>
<Name>John Femando<Name>
<Age>35<Age>
<Gender>Male<Gender>
<Identification>

B) <?xml version="1.0" encoding="IS0-8859-1"?>

<DOCTYPE Identification [
<!ELEMENT Identification(Name. Age. Gender)>
<!ELEMENT Name (#PCDATA),
<!ELEMENT Age (NPCDATA)>
<!ELEMENT Gender (#PCDATA)>
<Identification>

<Name>John Femando('Name>
<Age >35< Age>
<Gender>Male<Gender>
<Identification>

C)<?xml version="1.0" encoding="1S0-8859-1"?>

<!DOCTYPE Identification [
<!ELEMENT Identification (Name. Age. Gender)>
<!ELEMENT Name (# PCDATA)>
<!ELEMENT Age (NPCDATA)>
<!ELEMENT Gender (#PCDATA)>

<Identification>
‹Name>John Fernando<Name>

<Age>35<Age>
<Gender>Male<Gender>
<Identification>

D)<?xml version="1.0".encoding="1S0-81359-1"?>
<!DOCTYPE Identification [
<!ELEMENT SYSTEM Identification < (Name. Age. Gender)>
<!ELEMENT Name (# PCDATA)>
<!ELEMENT Age (#PCDATA)>
<!ELEMENT Gender (#PCDATA)>
<Identification>
<Name>John Femando<Name>
<Age >35< Age>
<Gender>hlale<Gender>
<Identification

- A
- B
- C
- **D**

88.JSON provides data exchange format which is:

- ❏ **Language independent**
- ❏ **Light weight**
- ❏ **Human readable text data**
- ❏ Subset of Javascript

89.Which of the following are primary uses of tempdb?

- Store local tables temporarily
- Store Global tables temporarily
- Store table variables and cursors
- **All of these**

90.Arrange the following in proper sequence to perform real-time operational analytics:

1. Set up Analytics framework to fetch data directly from Operational Workload,
2. Identify the table(s) and the columns required to run analytics.
3. Create columnstore indexes for the tables

- (3), (2), and (1)
- (2), (3), and (1)
- (1), (3), and (2)

- <mark>(3), (1), and (2)</mark>

91.Some of the functionalities provided by Active secondary replicas are:

- ❏ Backup operations on secondary replicas
- ❏ <mark>Readable secondary replicas</mark>
- ❏ Restore
- ❏ <mark>Backup and restore</mark>

92.Identify the missing statement in the following code for displaying the city of where the second branch of the office exists.

var contact = {
"Name": "Barbara George",
""AllowedtoVisit"": true,
""ContactPlaces"": [
{
""Place"": ""Officebranch1"",
""City"":""Florida""
},
{
""Place"": ""Officebranch2"",
""City"":""Washington""
}
]
};
"

- ● alert(""Visit "" + contact.Name +""at"" + contact.ContactPlaces[1].City);
- ● alert(""Visit "" + contact.Name + "" at "" + contact.ContactPlaces[0].City);
- ● alert(""Visit "" + contact.Name + "" at "" + contact[0].ContactPlaces[1].City);
- ● <mark>alert(""Visit "" + contact.Name + "" at "" + contact[0].ContactPlaces[2].City);</mark>

93.Match the following (minOccur, maxOccur) with No. of times the element can occur.

A1	0, 1	B1	0 or 1
A2	1, 1	B2	At least once
A3	0, *	B3	1
A4	1, *	B4	Infinite

A1   **B1**

A2	**B2**
A3	**B3**
A4	**B3**

94.Match The Following:

A1	Facebook API	B1	Uses a JSON file to store metadata.
A2	MongoDb	B2	Replaces SOAP to use JSON.
A3	JSON-RPC	B3	Uses JSON to store values.
A4	Packages	B4	Implements API to exchange data in JSON format.

A1	**B1**
A2	**B2**
A3	**B3**
A4	**B4**

95.Match The Following:

A1	fractionDigits	B1	Specifies an allowable value in an enumerated list.
A2	enumeration	B2	Restricts string types.
A3	whiteSpace	B3	Specifies the number of fractional digits in a numeric type.
A4	pattern	B4	Specifies how whitespace should be treated within the type.

A1	**B1**
A2	**B2**
A3	**B3**
A4	**B4**