**Course: SQL server**

**1-MCQ**

Question 1: \_\_\_\_\_\_\_\_\_\_ takes no parameters and returns all kinds of interesting information.

A) sp\_monitor

B) sp\_on

C) sp\_status

D) None of the mentioned

Right Answer: A

Question 2: Point out the wrong statement.

A) Support for transactions is one of the most important reasons to use database engines such as SQL Server

B) BASE support

C) ACID support

D) All of the mentioned

Right Answer: B

Question 3: Which of the following has support for transaction?  
A) sp\_monitor

B) sp\_bindsession

C) sp\_status

D) All of the mentioned

Right Answer: B

Question 4: Which of the following stored procedure is used for error messages?  
A) sp\_addmessage

B) sp\_dropmessage

C) sp\_altermessage

D) All of the mentioned

Right Answer: A

Question 5: Stored procedure used to remember the exact number of bytes is \_\_\_\_\_\_\_\_\_\_\_\_\_

A) sp\_datatype

B) sp\_datatype\_info

C) sp\_info

D) None of the mentioned

Right Answer: B

**2-T/F**

Question 1:  The condition in a WHERE clause can refer to only one value.

False

Question 2:  The ADD command is used to enter one row of data or to add multiple rows as a result of a query.

False

Question 3:  SQL provides the AS keyword, which can be used to assign meaningful column names to the results of queries using the SQL built-in functions.

True

Question 4:  A SELECT statement within another SELECT statement and enclosed in square brackets ([...]) is called a subquery.

False

Question 5:  The result of every SQL query is a table.

True

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**Course: Oracle**

**1-MCQ**

Question 1: What does DLL stand for ?

A) Dynamic Link Library

B) Dynamic Language Library

C) Dynamic Load Library

D) None of the Mentioned

Right Answer: A

Question 2: POST-BLOCK trigger is also a ?

A) Navigational Trigger

B) Key Trigger

C) Transaction Trigger

D) All of the Mentioned

Right Answer: A

Question 3: The system variable that records the select statement that SQL \* FORMS most recently used to populate a block is \_\_\_\_\_\_\_\_\_\_

A) SYSTEM.LAST\_RECORD

B) SYSTEM.CURSOR\_RECORD

C) SYSTEM.CURSOR\_FIELD

D) SYSTEM.LAST\_QUERY

Right Answer: D

Question 4:  In Oracle, which of the following package procedure is UNRESTRICTED ?

A) CALL\_INPUT

B) CLEAR\_BLOCK

C) EXECUTE\_QUERY

D) USER\_EXIT

Right Answer: D

Question 5: SNAPSHOT is used for [DBA]

A) Synonym

B) Table space

C) System server

D) Dynamic data replication

Right Answer: D

**2-T/F**

Question 1:  Datadictionary can span across multiple Tablespaces

False

Question 2:  Multiple Tablespaces can share a single datafile

False

Question 3:  A column defined as PRIMARY KEY can have NULLs

False

Question 4:  A CONTROL BLOCK can sometimes refer to a BASETABLE ?

False

Question 5:  A database trigger doesn’t apply to data loaded before the definition of the trigger

True

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**Course: Java**

**1-MCQ**

Question 1: Which of the following option leads to the portability and security of Java?

A) Bytecode is executed by JVM

B) The applet makes the Java code secure and portable

C) Use of exception handling

D) Dynamic binding between objects

Right Answer: A

Question 2: The \u0021 article referred to as a

A) Unicode escape sequence

B) Octal escape

C) Hexadecimal

D) Line feed

Right Answer: A

Question 3: What is the return type of the hashCode() method in the Object class?

A) Object

B) Int

C) Long

D) Void

Right Answer: B

Question 4:  Which of the following tool is used to generate API documentation in HTML format from doc comments in source code?

A) javap tool

B) javaw command

C) Javadoc tool

D) javah command

Right Answer: C

Question 5: Which package contains the Random class?

A) java.util package

B) java.lang package

C) java.awt package

D) java.io package

Right Answer: A

**2-T/F**

Question 1:  Variable name can begin with a letter, "$", or "\_".

True

Question 2:  The JRE deletes objects when it determines that they are no longer being used. This process is called Garbage Collection.

True

Question 3:  Java programming is not statically-typed, means all variables should not first be declared before they can be used.

False

Question 4:  All binary operators except for the assignment operators are evaluated from Left to Right

True

Question 5:  In Java SE 7 and later, underscore characters "\_" can appear anywhere between digits in a numerical literal

True

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**Course: C#**

**1-MCQ**

Question 1: Types of ‘Data Conversion’ in C#?

A) Implicit Conversion

B) Explicit Conversion

C) Implicit Conversion and Explicit Conversion

D) None of the mentioned

Right Answer: B

Question 2: What is the need for ‘Conversion of data type’ in C#?

A) To store a value of one data type into a variable of another data type

B) To get desired data

C) To prevent situations of runtime error during change or conversion of data type

D) None of the mentioned

Right Answer: C

### Question 3:  The correct way of incrementing the operators are:

### A) ++ a ++

B) b ++ 1

C) c += 1

D) d =+ 1

Right Answer: C

### Question 4:  Correct order of priorities are:

A) ‘/’ > ‘%’ > ‘\*’ > ‘+’

B) ‘/’ > ‘\*’ > ‘%’ > ‘+’

C) ‘\*’ > ‘/’ > ‘%’ > ‘+’

D) ‘%’ > ‘\*’ > ‘/’ > ‘+’

Right Answer: C

### Question 5: Which of the following is/are not Relational operators in C#.NET?

A) >=

B) <>=

C) Not

D) <=

Right Answer: B

**2-T/F**

Question 1:  In C#, A function can be overloaded. Overloading a function means you can give the same name to many function, but different in their arguments.

True

Question 2:  A function can have more than one parameter. Values of the parameters are passed to the function when it is called.

True

Question 3:  A local variable declared in a function is not usable out side that function.

True

Question 4:  In a function, The return statement is not required if the return type is anything other than void.

False

Question 5:  In C#, a function needs to be defined using the static keyword, so that it can be called from the Main function.

True