Question - 1
Adv_Java_1 : Exception Handling

SCORE: **1 points**

`Java`

What will be the output for following code ?

```
class DemoClass
{
static void test() throws RuntimeException
{
throw new ArithmeticException();
}
public static void main (String args[])
{
try{
test();
}
catch (RuntimeException re)
{
System.out.println("Exception Handled");
}
}
}
```

- ○ RuntimeException
- ○ CompilationError
- ◉ ExceptionHandled
- ○ None of the above

Question - 2
Adv_Java_2 : Exception Handling

SCORE: **1 points**

`Java`

Which method is used to obtain the textual description of an exception in Java?

- ◉ getMessage()
- ○ printStackTrace()
- ○ toString()
- ○ getDescription()

1/12

Question - 3
Adv_Java_3 : Method Overloading

`Java`

```
Jane is trying to run the following code on method overloading , she is confused while executing the code that the statement 1 she has
written calls which method . Help jane to understand the concept by choosing correct option

class MethodOverloading{
      void display(int a,float b) {                              // Method 1
              System.out.println(a+b);
      }
      void display(int a,int b) {                                // Method 2
              System.out.println(a+b);
      }
      void display(int a,long b) {                               // Method 3
              System.out.println(a+b);
      }
      void display(int a,double b) {
              System.out.println(a+b);                  // Method 4
      }
}
public class DemoClass{
      public static void main(String[] args) {
              MethodOverloading mo=new MethodOverloading();
              mo.display(10, 10.5);                              // Statement 1
      }
}
```

( ) Method 1

( ) Method 2

( ) Method 3

(●) Method 4

Question - 4
Adv_Java_4

`Java`

what will be the output of following code after Execution ?
```
class Animal {
void makeSound() {
System.out.println("Animal makes a sound");
}
}
class Lion extends Animal {
void makeSound() {
System.out.println("Lion roars");
}
}
class Dog extends Animal {
void makeSound() {
```

```
System.out.println("Dog Barks");
}
}
public class DemoClass{
public static void main(String[] args) {
Animal animal1 = new Lion();
Animal animal2 = new Dog();
animal1.makeSound();
animal2.makeSound();
}
}
```

- ● Lion roars
  Dog Barks

- ○ Dog Barks
  Lion roars

- ○ Animal makes a sound
  Lion roars
  Dog Barks

- ○ Lion roars
  Dog Barks
  Animal makes a sound

Question - 5
Adv_Java_5

`Java`

```
what will be the output of following code after execution ?
class DemoClass{
      public static void main(String[] args) {
              Stack<Integer> stk= new Stack<>();
              stk.push(1000);
              stk.pop();
              stk.push(2000);
              stk.push(3000);
              stk.pop();
              stk.push(4000);
              System.out.println(stk.size());
      }
}
```

- ● 2

- ○ 3

- ○ 5

- ○ 4

Question - 6
Adv_Java_6

```
Sameer is trying to execute following code . what will be the output after execution ?
public class DemoClass{
        public static void main(String[] args) {
                ArrayList list=new ArrayList();
                list.add("Chennai");
                list.add("Mumbai");
                list.add("Kolkata");
                list.add("Bangalore");
                int a=(int)list.get(0);
                System.out.println(list);
        }
}
```

- ( ) ArrayIndexOutOfBoundException
- ( ) ClassCastException
- ( ) InputMismatchException
- (•) [Chennai, Mumbai, Kolkata, Bangalore]

Question - 7
Adv_Java_7

SCORE: 1 points

Java

```
what will be the output of following code after execution ?
class DemoClass{
        public static void main(String[] args) {
                Stack<Integer> stk= new Stack<>();
                stk.push(1000);
                stk.pop();
                stk.push(2000);
                stk.push(3000);
                stk.pop();
                stk.push(4000);
                System.out.println(stk.size());
        }
}
```

- (•) 2
- ( ) 3
- ( ) 5
- ( ) 4

Question - 8
Adv_Java_8

SCORE: 1 points

Java

```
Sameer is trying to execute following code . what will be the output after execution ?
public class DemoClass{
        public static void main(String[] args) {
                ArrayList list=new ArrayList();
                list.add("Chennai");
                list.add("Mumbai");
                list.add("Kolkata");
                list.add("Bangalore");
                int a=(int)list.get(0);
                System.out.println(list);
        }
}
```

○ ArrayIndexOutOfBoundException

◉ ClassCastException

○ InputMismatchException

○ [Chennai, Mumbai, Kolkata, Bangalore]

Question - 9
Adv_Java_9

SCORE: **1 points**

Java

```
what will be the output of following code after execution ?
public class LinkedListCollection {
        public static void main(String args[]) {

                LinkedList<String> ll = new LinkedList<String>();
                ll.add("Google");
                ll.add("TCS");
                ll.add("Meta");
                ll.add("Microsoft");
                LinkedList<String> ll2 = new LinkedList<String>();
                ll2.add("Twitter");
                ll2.add("Tencent");
                ll2.addAll(ll);
                System.out.println(ll2);

        }
}
```

○ [Google, TCS, Meta, Microsoft, Twitter, Tencent]

◉ [Twitter, Tencent, Google, TCS, Meta, Microsoft]

○ [Google, Meta, Microsoft, TCS, Tencent, Twitter]

○ [Twitter, Tencent, TCS, Microsoft, Meta, Google]

Question - 10
Adv_Java_10

SCORE: **1 points**

Which of the following is a runtime exception on java ?

- ⦿ NullPointerException
- ◯ FileNotFoundException
- ◯ ClassNotFoundException
- ◯ IOException

Question - 11
Java_JDBC_1

SCORE: **1 points**

JDBC

```
Which method is used  to retrieve the auto-generated keys after executing an INSERT statement in JDBC ?
```

- ◯ executeUpdate()
- ◯ executeQuery()
- ⦿ getGeneratedKeys()
- ◯ getResultSet()

Question - 12
Java_JDBC_2

SCORE: **1 points**

JDBC

Which JDBC interface is used to execute a parameterized SQL query to retrieve data from a database?

- ◯ Statement
- ◯ ResultSet
- ⦿ PreparedStatement
- ◯ CallableStatement

Question - 13
Java_JDBC_3

SCORE: **1 points**

JDBC

Which of these obtains a Connection?

○ Connection.getConnection(url)

○ Driver.getConnection(url)

● DriverManager.getConnection(url)

○ new Connection(url)

Question - 14
Java_JDBC_4

JDBC

Jay is trying to connect with database. help jay by selecting correct method to connect with Database ?

○ connect( )

○ openConnection( )

● getConnection( )

○ createConnection( )

Question - 15
Java_JDBC_5

JDBC

What is the purpose of the 'ResultSet' interface in JDBC ?

○ It represents a precompile SQL statement

○ It provides method for executing SQL queries

○ It handles database operations

● It respresents the resultset of database Query

Question - 16
Java_JDBC_6

JDBC

Rahul is trying to end the database connection. help rahul to end the database connection by using proper method

○ shutdown()

● close()

○ endconnection()

○ disconnect()

Question - 17
Java_JDBC_7

JDBC

Ram is learning about a JDBC. help ram to understand the Steps
of connecting with Database by choosing correct option

- ⦿ 1. Register the driver class

  2. Creating connection

  3. Creating statements

  4. Executing queries

  5. Closing connection

- ◯ 1. Register the driver class

  2. Creating connection

  3. Executing queries

  4. Creating statements

  5. Closing connection

- ◯ 1. Register the driver class

  2. Creating connection

  3. Closing connection

  4. Creating statements

  5. Executing queries

- ◯ 1. Register the driver class

  2. Creating connection

  3. Creating statements

  4. Closing connection

  5. Executing queries

Question - 18
Java_JDBC_8

JDBC

in JDBC which exception is thrown when there is an error in database
connectivity such as a failed connection or authentication ?

○ SQLException

○ DatabaseException

○ ConnectionException

○ ConnectivityException

Question - 19
Java_JDBC_9

`JDBC`

Hritik is trying to establish the connection with the Apche derby database.
Help Hritik to choose correct code snippet

○ Class.forName("org.mysql.jdbc.EmbeddedDriver");

  con=DriverManager.getConnection("jdbc:derby:C:\\User\\MyDB;create=true");

◉ Class.forName("org.apache.derby.jdbc.EmbeddedDriver");

  con=DriverManager.getConnection("jdbc:derby:C:\\User\\MyDB;create=true");

○ Class.forName("org.apache.derby.jdbc.EmbeddedDriver");

  con=DriverManager.getConnection("derby:C:\\User\\MyDB;create=true");

○ Class.forName("org.apache.derby.jdbc.EmbeddedDriver");

  con=DriverManager.getConnection("jdbc:C:\\User\\MyDB;create=true");

Question - 20
Java_JDBC_10

SCORE: **1 points**

`JDBC`

Which of the following statements about the PreparedStatement interface in JDBC is True ?

◉ It is used for executing parameterised SQL Query

○ it is used for executing stored procedure

○ it is used to execute batch updates

○ it is an alternative for Statement interface

Question - 21
Java_Web_1

SCORE: **1 points**

`Java_Web`

Which of the following is true about HTTP Get method?

○ The GET method sends the encoded user information appended to the page request.

○ The GET method is the defualt method to pass information from browser to web server.

◉ Both the above

○ None of the above

Question - 22
Java_Web_2

Java_Web

Which of the following code is used to get a HTTP Session object in servlets?

◉ request.getSession()

○ response.getSession();

○ new Session()

○ None of the above

Question - 23
Java_Web_3

Java_Web

Which statement about jspInit() is true?

○ It does not have access to ServletConfig.

○ It does not have access to ServletContext.

◉ It is called only once.

○ It cannot be overridden.

Question - 24
Java_Web_4

Java_Web

What will be the output for the following code?
```
<html><body>
<% int i = 20 ;%>
<% while(i>=15) { %>
out.print(i);
<% } %>
```

</body></html>

○ 2.02E+11

○ 20

○ 15

◉ None of the above

Question - 25
Java_Web_5

SCORE: **1 points**

Java_Web

Which of the following code is used to get an attribute in a HTTP Session object in servlets?

◉ session.getAttribute(String name)

○ session.alterAttribute(String name)

○ session.updateAttribute(String name)

○ session.setAttribute(String name)

Question - 26
Java_Web_6

SCORE: **1 points**

Java_Web

Which of the following is stored at client side?

○ URL rewriting

○ Hidden form fields

○ SSL sessions

◉ Cookies

Question - 27
Java_Web_7

SCORE: **1 points**

Java_Web

What temporarily redirects response to the browser?

○ <jsp:forward>

○ <%@directive%>

◉ response.sendRedirect(URL)

○ response.setRedirect(URL)

Question - 28
Java_Web_8

SCORE: **1 points**

Java_Web

Which of the following is not a directive in JSP?

○ page directive

○ include directive

○ taglib directive

● command directive

Question - 29
Java_Web_9

SCORE: **1 points**

Java_Web

"request" is instance of which one of the following classes?

○ Request

○ HttpRequest

● HttpServletRequest

○ ServletRequest

Question - 30
Java_Web_10

SCORE: **1 points**

Java_Web

The doGet() method in the example extracts values of the parameter's type and number by using _____

● request.getParameter()

○ request.setParameter()

○ response.getParameter()

○ response.getAttribute()