**ABSTRACT CLASSES**

1)The wrapping up of data & functions into a single unit is called  
 **a)Encapsulation** b) Abstraction  
 c) Polymorphism  
 d)Message Passing

1. Which statement is true regarding an object?  
   **a) is instance of a class**b) is variable  
   c) an obj is what classes are instantiated from  
   d) not an instance of a class
2. Polymorphism is not supported by java?  
   **a)false**b) true
3. A process that involves recognizing & focusing on the important characterstics of a situation or object is known as

a)Encapsulation

b)Polymorphism

**c)Abstraction**

d)Inheritance

1. A package is a collection of

a)classes

b)interface

c)editing tools

d)classes and interface

1. class Main {

public static void main(String args[]) {

int t;

System.out.println(t);

}

}

a)0

b)Run time error

**c) Compile time error**

d)garbage value

**UTIL COLLECTION**

1. Which of the following is FALSE about arrays on Java?

a)a java array is always an object

**b)length of an array can be changed after creation of array**

c)arrays in java are always allocated on heap

1. Predict the output?

|  |
| --- |
| // file name: Main.java  public class Main {      public static void main(String args[]) {         int arr[] = {10, 20, 30, 40, 50};         for(int i=0; i < arr.length; i++)         {               System.out.print(" " + arr[i]);         }      }  }  a)10 20 30 40 50  b)Compilation error  c) 10 20 30 40 |
|  |
|  |

1. Which of these classes is not part of Java’s collection framework?  
   **a) Maps**  
   b) Array  
   c) Stack  
   d) Queue
2. What is Collection in Java?  
   **a) A group of objects**b) A group of classes  
   c) A group of interfaces  
   d) None of the mentioned
3. Which of these packages contain all the collection classes?  
   **a) java.lang**b) java.util  
   c) java.net  
   d) java.awt
4. Which of this interface is not a part of Java’s collection framework?  
   a) List  
   b) Set  
   c) SortedMap  
   **d) SortedList**
5. You need to store elements in a collection that guarantees that no duplicates are stored. Which one of the following interfaces provide that capability?

**a) Java.util.Map**b) Java.util.List  
c) Java.util.Collection  
d) Java.util.\*

**LAMBDA EXPRESSIONS**

1)What is the return type of lambda expressions?  
**a)function**b) String  
c) object  
d) void

2)Which of the following is not introduced with Java 8??  
**a)Serialisation**b) Stream API  
c)Spliterator  
d) Lambda Expression

3)Which of the following API represents a simplified date-time API with no complexity of timezone handling in java8?  
**a)Local**b) Zoned  
c) Both  
d) None

**STREAM API**

1)which of the following has a method named flush()?  
 a)input stream **b)output stream** c)reader stream d)input output stream

**EXCEPTION HANDLING**

1. When does Exceptions in Java arises in code sequence?  
**a) Run Time**b) Compilation Time  
c) Can Occur Any Time  
d) None of the mentioned

3. Which of these keywords must be used to monitor for exceptions?  
**a)try**  
b)finally  
c)throw  
d)catch

4. Which of these keywords must be used to handle the exception thrown by try block in some rational manner?  
a)try  
b)finally  
c)throw  
**d)catch**

5. Which of these keywords is used to manually throw an exception?  
a)try  
b)finally  
**c)throw**d) catch

6) Exception classes are available in the ……………………package.  
**a) java.lang**  
b) java.awt  
c) java.io  
d) java.apple

**I/O**

1) Which of the following refers to standard error stream?

a) System.out  
 **b) System.err** c) System.in  
d) none of these

2) What are some of the methods of the file class?

**a)canRead()   
 b)isFile()  
 c) getDirectory()  
 d)getPath()**

**MULTITHREADING**

1) What is the name of the method that is used to start the execution of a thread**?**

a) init()  
 b) resume()  
 c) run()  
 **d) start()**

2)Which of the following are the valid constructors of Thread class?

**a) Thread(Runnable r, String name)  
 b) Thread()**  
 c) Thread(int priority)  
 d) Thread(Runnable r, int priority)

**JUNIT**

1. What are the reasons for doing a unit test case?

**a) Unit testing helps developers find errors in code.**

**b) It helps you write better code.**

**c) Unit testing saves time later in the production/development cycle.**

**d) Unit testing provides immediate feedback on the code.**

1. What annotations does Junit support?

**a)@Test**

**b)@Before**

**c)@After**

**d)@ignore**

**ORACLE**

1). In SQL, which of the following is not a data Manipulation Language Commands?  
a) Delete  
**b) Truncate**c) Update  
d) Create

2). What is the full form of SQL?

a) Structured Query list  
**b) Structure Query Language**c) Simple Query List  
d) None of the above

3) In an SQL statement, which of the following parts states the conditions for row selection?

a) order By  
**b) where**c) group By  
d) from

4). A command that lets you change one or more fields in a record is?  
a) insert  
**b) modify**c) look-up  
d) All of the above

5).  \_\_\_\_\_\_\_\_clause is an additional filter that is applied to the result.  
a) select  
**b) having**c)group By  
d) order By

6).   The ORDER BY clause can only be used in \_\_\_\_\_\_\_\_\_\_\_  
**a) select queries**  
b) insert queries  
c) having queries  
d) group by queries

**JDBC**

1). Which type of driver provides JDBC access via one or more ODBC drivers?  
**a. Type 1 driver**  
b. Type 2 driver  
c. Type 3 driver  
d. Type 4 driver

2)Which of the following statements is false as far as different type of statements is concern in JDBC?  
a. Regular Statement  
b. Prepared Statement  
c. Callable Statement  
**d. Interim Statement**

3)The class java.sql.Timestamp has its super class as  
a. java.sql.Time  
**b. java.util.Date**  
c. java.util.Time  
d. None of the above

**HTML**

1. The \_\_\_\_\_\_\_\_\_\_ attribute sets the text direction as related to the lang attribute.  
   a) lang  
   b) sub  
   **c) dir**d) ds

2). Which attribute specifies a unique alphanumeric identifier to be associated with an element?  
 a) class  
 **b) id** c) article  
 d) html

**CSS3**

1)Which of the following element is used by the filter property to blur the images?  
 a) opaque()  
 b) scatter()  
 **c) blur()**  
 d) all of the mentioned

2)What is the full form of CSS?  
 a) Colorful Style Sheets  
 b) Creative Style Sheets  
 **c) Cascading Style Sheets**  
 d) Computer Style Sheets

**JAVASCRIPT**

1) Inside which HTML element do we put the JavaScript?  
 a)<js>   
 b) <javascript>  
 **c) <script>** d) <scripting>

2) How do you create a function in javascript?  
 a) function=myFunction()  
 b) function:myFunction()  
 **c) function myFunction()** d)None of the above

3) How can you add a comment in javascript?  
 a) <!--This is a comment-->  
 b) This is a comment  
 **c) //This is a comment** d)## This is a comment

**BOOTSTRAP**

1. Which of the following is the default layout of a bootstrap form?

a)inline

**b)vertical**

c)horizontal

d)None of these