**PG-DITISS - JAVA Lab Exam Date: 27/12/2017**

**Time: 20mins**

**Total marks: 30**

Each question comprises of 2 marks

1. What of the following is the default value of a local variable?
   1. null
   2. 0
   3. Depends upon the type of variable
   4. Not assigned
2. Which are true? (Choose all that apply.)
3. "X extends Y" is correct if and only if X is a class and Y is an interface.
4. "X extends Y" is correct if and only if X is an interface and Y is a class.
5. "X extends Y" is correct if X and Y are either both classes or both interfaces.
6. "X extends Y" is correct for all combinations of X and Y being classes and/or interfaces.
7. When finally block gets executed?
8. Always when try block get executed, no matter exception occured or not.
9. Always when a method get executed, no matter exception occured or not.
10. Always when a try block get executed, if exception do not occur.
11. Only when exception occurs in try block code.
12. What is function overriding?
    1. [If a subclass uses a method that is already provided by its parent class, it is known as Method Overriding.](javascript:void(0);)
    2. [If a subclass provides a specific implementation of a method that is already provided by its parent class, it is known as Method Overriding.](javascript:void(0);)
    3. [Both of the above.](javascript:void(0);)
    4. [None of the above.](javascript:void(0);)
13. Which of the following is a marker interface?
    1. [Serializable](javascript:void(0);)
    2. [Comparable](javascript:void(0);)
    3. [Runnable](javascript:void(0);)
    4. [none of the above.](javascript:void(0);)
14. Which of the following is true about private access modifier?
    1. Variables, methods and constructors which are declared private can be accessed only by the members of the same class.
    2. Variables, methods and constructors which are declared private can be accessed by any class lying in same package.
    3. Variables, methods and constructors which are declared private in the superclass can be accessed only by its child class.
    4. None of the above.
15. What is function overloading?
    1. Methods with same name but different parameters.
    2. Methods with same name but different return types.
    3. Methods with same name, same parameter types but different parameter names.
    4. None of the above.
16. Which of the following is not a keyword in java?
    1. static
    2. Boolean
    3. void
    4. private
17. What is NullPointerException?
    1. A NullPointerException is thrown when calling the instance method of a null object or modifying/accessing field of a null object.
    2. A NullPointerException is thrown when object is set as null.
    3. A NullPointerException is thrown when object property is set as null.
    4. None of the above.
18. When doGet() method of servlet gets called?
    1. [A GET request results from a normal request for a URL.](javascript:void(0);)
    2. [The service() method checks the HTTP request type as GET and calls doGet() method.](javascript:void(0);)
    3. Both of the above.
    4. [None of the above.](javascript:void(0);)
19. Which of the following code is used to get PrintWriter object in servlet?
    1. [response.getWriter()](javascript:void(0);)
    2. [request.getWriter()](javascript:void(0);)
    3. [new PrintWriter()](javascript:void(0);)
    4. [None of the above.](javascript:void(0);)
20. Which of the following code retrieves the value of a request parameter?
    1. [Header.getParameter(name)](javascript:void(0);)
    2. [response.getParameter(name)](javascript:void(0);)
    3. [request.getParameter(name)](javascript:void(0);)
    4. [None of the above.](javascript:void(0);)
21. What is correct syntax for main method of a java class?
    1. [public static int main(String[] args)](javascript:void(0);)
    2. [public int main(String[] args)](javascript:void(0);)
    3. [public static void main(String[] args)](javascript:void(0);)
    4. [public static void main(String args)](javascript:void(0);)
22. What is the error in the following code?

class Test {abstract void display( );}

* 1. No error
  2. Method display( ) should be declared as static
  3. Test class should be declared as abstract
  4. Test class should be declared as public

1. The concept of multiple inheritance is implemented in Java by
   1. extending two or more classes
   2. extending one class and implementing one or more interfaces
   3. implementing two or more interfaces
   4. All the above.

# Answer Key:

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| --- | --- |
| Q No. | Answer |
| 1 | D |
| 2 | C |
| 3 | A |
| 4 | B |
| 5 | A |
| 6 | A |
| 7 | A |
| 8 | B |
| 9 | A |
| 10 | C |
| 11 | A |
| 12 | C |
| 13 | C |
| 14 | C |
| 15 | B |