# Post Test - Java

Number of Questions: 20 Marks: 20

1. class is
   1. abstraction of real time entity
   2. many ways of representing data
   3. alternate to rdbms tables
   4. storage area in memory
2. in Java, Objects are stored in
   1. stack
   2. heap
   3. method area
   4. not defined
3. All user defined data types are called
   1. objects
   2. classes
   3. functions
   4. variables
4. Data Abstraction is
   1. Extracting required data from class
   2. Data hiding
   3. Only by concrete class we can implement it
   4. Only by abstract class we can implement it
5. Which of the following concept of oops allows compiler to insert arguments in a function call if it is not specified?
   1. Call by value
   2. Call by reference
   3. Default argument
   4. Call by pointer
6. Which of the following concepts of OOPS means exposing only necessary information to client?
   1. Encapsulation
   2. Abstraction
   3. Data hiding
   4. Data binding
7. How many instances of an abstract class can be created?
   1. 1
   2. 0
   3. Many
   4. Depends on language
8. Which of the following concepts provides facility of using object of one class inside another class?
   1. Encapsulation
   2. Abstraction
   3. Composition
   4. Inheritance
9. Which of the following concepts means adding new components to a program as it runs?
   1. Data binding
   2. Dynamic typing
   3. Dynamic binding
   4. Dynamic loading
10. Which of the following statement is correct?
    1. A constructor is called at the time of declaration of an object.
    2. A constructor is called at the time of use of an object.
    3. A constructor is called at the time of declaration of a class.
    4. A constructor is called at the time of use of a class.
11. int x[] = {1,2,3,4,5}  
    Which is/are correct
    1. for(int y : x) System.out.println(y);
    2. for(x : int y) System.out.println(y);
    3. int y=0; for(y : x) System.out.println(y);
    4. for(int y=0 : x) System.out.println(y);
12. Which of the following is not a wrapper class?
    1. String (B) Integer
    2. Boolean (D) Character
13. Which class is not implementing Collection
    1. TreeSet (C) ArrayList
    2. HaspMap (D) LinkedList
14. Which class type is not allowed in java
    1. Public (C) abstract
    2. Static (D) final
15. Which of these keywords can be used to prevent inheritance of a class?  
    a) super  
    b) constant  
    c) class  
    d) final
16. Which of these class relies upon its subclasses for complete implementation of its methods?  
    a) Object class  
    b) abstract class  
    c) ArrayList class  
    d) None of the mentioned
17. What is the output of this program?
18. **class** A
19. {
20. **int** i;
21. **int** j;
22. A()
23. {
24. i = 1;
25. j = 2;
26. }
27. }
28. **class** Output
29. {
30. **public** **static** **void** main(String args[])
31. {
32. A obj1 = **new** A();
33. A obj2 = **new** A();
34. System.out.print(obj1.equals(obj2));
35. }
36. }
37. False
38. True
39. 1
40. Compilation Error
41. What is the output of this program?
42. **class** Output
43. {
44. **public** **static** **void** main(String args[])
45. {
46. Object obj = **new** Object();
47. System.out.print(obj.getclass());
48. }
49. }
50. Object
51. Class Object
52. class java.lang.Object
53. Compilation Error
54. What is the output of this program?
55. **class** A
56. {
57. **int** i;
58. **int** j;
59. A()
60. {
61. i = 1;
62. j = 2;
63. }
64. }
65. **class** Output
66. {
67. **public** **static** **void** main(String args[])
68. {
69. A obj1 = **new** A();
70. System.out.print(obj1.toString());
71. }
72. }

a) true  
b) false  
c) String associated with obj1  
d) Compilation Error

1. When an array is passed to a method, will the content of the array undergo changes with the actions carried within the function?  
   a) True  
   b) False

------------------------------------- Happy Answering -----------------------------------------

**Answer Key**

1. A

2. B

3. B

4. A

5. C

6. A

7. B

8. C

9. D

10.A

11.A

12.A

13.B

14.B

15.D

16.B

17.A

18.C

19.C

20.A