1. **What will be printed out if this code is run with the following command line?**

java myprog good morning

public class myprog{

public static void main(String argv[]) {

{

System.out.println(argv[2]);

}

}

(a) good

(b) morning

(c) Exception raised: "java.lang.ArrayIndexOutOfBoundsException: 2"

(d) none of the above

1. **What will be printed out if this code is run with the following command line?**

String[] names = **new** String[3];

names[0]="Ramesh";

names[1]="Rakesh";

System.***out***.println(names.length);

1. Prints 3
2. Prints 2
3. Print 1
4. None of The Above

1. **Which of the following methods can be Overridden**
   1. Private
   2. Static
   3. Final
   4. None of the above
2. **Which of the following is true about inheritance in Java?** 
   1. All Classes in java inherit java.lang.Object either directly or indirectly
   2. Multiple Inheritance is Allowed in Java
   3. Final Classes can be SubClassed
   4. Super Class constructor is called Before the Sub Class constructor
3. **Which of the following can be Modifier of a Protected Method in the Overridden method of the subclass**
   1. Public
   2. Default
   3. Private
   4. All of the Above
4. **What does co-variant return type means**
5. One that can be replaced by a "narrower" **type** when the method is overridden in a subclass.
6. One that can be replaced by a "Broader" **type** when the method is overridden in a subclass.
7. One that CANNOT be replaced by a "Broader" not narrower **type** when the method is overridden in a subclass.
8. One that can be overridden in a subclass Twice
9. **Which of the following is correct about Inheritance**
   1. Private Methods cannot be overridden
   2. Protected methods are accessible within a package and inherited classes outside the package
   3. Protected Methods are final
   4. We cannot override default Methods
10. **Which of the following statements are true about inheritance in java**
    1. All classes inherit from the Object class either directly or indirectly
    2. Multiple inheritance are allowed in special cases in Java
    3. We need to override Equals method to compare Two Objects
    4. All of the above
11. **Which of the following is the valid override of the given Super Class Method**

public class Base{ public void display(){ } }

1. void display();
2. public void display();
3. public void display(int a);
4. None of the Above
5. **All Variable in a Interface are**
6. Public static final
7. Private static final
8. Public final
9. Final
10. **How many classes an Interface can extend**
11. Only One
12. More than One
13. None
14. All of the above
15. **Which of the following can be used to check whether a class implements a interface particular interface or not**
16. New
17. findType
18. Casting
19. instanceof
20. **Which class methods are implicitly final**
21. Abstract Class
22. Interface
23. Final Class
24. Public Class
25. **True/False: An Abstract class can be extended by a Concrete subclass by NOT overriding all the abstract methods.**
26. **What will be output of the following code snippet**

String s =new String("Hello");

boolean result = s instanceof String;

System.*out*.println(result);

1. True
2. False
3. Hello
4. Exception will be Thrown
5. **Which of the following Features of Java is the Best Choice for giving Ability to a Hierarchy of classes** 
   1. Templates
   2. Interface
   3. Abstract Class
   4. All of the Above
6. **Which of the following is Correct for an Sub Class of an abstract Parent class** 
   1. The Sub Class Must override all the Methods
   2. The Sub Class Must Override all the Abstract Methods
   3. Since Parent Class is Abstract the child class is also Abstract
   4. The Child class can be made abstract and avoid override of parent class methods
7. **Which of the following Statement is correct**

**Statement A: An abstract class without constructors cannot be instantiated**

**Statement B: An abstract class with constructor can be instantiated**

1. Statement A is correct and B is wrong
2. Both Statement A & B is correct
3. Both Statement A & B are Wrong
4. Statement A is wrong and B is correct
5. **What will be output of the following code snippet**

**class** Greeting{

…..

**public** String greet(){ **return** "Welcome"+name;

}

}

**class** BirthdayGreeting {

…….

**public** String greet(){ **return** "happy Birthday"+name;

}

public static void main(String[] args){

Greeting grt = **new** BirthdayGreeting("Ramesh");

System.out.println(grt.greet());

}

}

* 1. Happy BirthDay Ramesh
  2. Welcome Ramesh
  3. Exception will be Thrown
  4. None of the Above

1. **What will be output of the following code snippet**

**class** Greeting{

…..

**public** String greet(){ **return** "Welcome"+name; } }

**class** BirthdayGreeting extends Greeting {

…….

**public** String greet(){ **return** "happy Birthday"+name; } }

Greeting grt = **new** BirthdayGreeting("Ramesh");

System.out.println(grt.greet());

1. Happy BirthDay Ramesh
2. Welcome Ramesh
3. Exception will be Thrown
4. None of the Above
5. **What will be output of the following code snippet**

**class** Greeting{

…..

**public** String greet(){ **return** "Welcome"+name; } }

**class** BirthdayGreeting {

…….

**public** String greet(){ **return** "happy Birthday"+name; } }

Greeting grt = **new** BirthdayGreeting("Ramesh");

System.out.println(grt.greet());

* 1. Happy BirthDay Ramesh
  2. Welcome Ramesh
  3. Exception will be Thrown
  4. None of the Above

1. **What will be output of the following code snippet**

**class** Greeting{

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**public** String greet(){ **return** "happy Birthday"+name; } }

Greeting grt = **new** BirthdayGreeting("Ramesh");

System.out.println(grt.greet());

1. Happy BirthDay Ramesh
2. Welcome Ramesh
3. Exception will be Thrown
4. None of the Above