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| **Q. No** | **Question** | | **(Marks)** | |
| **UNIT – I** | | | | |
|  | | When does constructor gets called? | | 1 |
|  | | Say true or false:  A variable name is allowed to begin with underscore. | | 1 |
|  | | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**to initialize the object. | | 1 |
|  | | What is the difference between bitwise operator >> and >>>? | | 1 |
|  | | Say true or false:  Use of uninitialized variable causes compile time error in Java. | | 1 |
|  | | What is the output?  public class Test{  public static void main(String[] args){  Test t = new Test();  t.show(10, 'A');  t.show('B', 10);  }  void show(int a, char b){  System.out.println("In show1");  }  void show(char a, int b){  System.out.println("In show2");  }  } | | 1 |
|  | | What is the use of class? | | 1 |
|  | | Say true or false:   * + 1. Local variables are not initialized by default in Java.     2. A file can have only one public class. | | 2 |
|  | | What is this? And when it is used? | | 2 |
|  | | What is the output of the below code and justify it.  public class Test  {  public static void main(String[] args)  {  int a=10;  a += 3.5; // (int)(a + 3.5)  System.out.println(a);    }  } | | 2 |
|  | | Difference between break and continue statement. | | 2 |
|  | | What is garbage and garbage collection? | | 2 |
|  | | Is Java architectural neutral? Justify. | | 2 |
|  | | What is the difference between primitive type and reference type in java? | | 2 |
|  | | What are the three fundamental features of an object-oriented programming language? | | 3 |
|  | | What is the output? And Why?  class Test  {  private int data;  private Test ()  {  data = 5;  }  }  public class Sample  {  public static void main(String[] args)  {  Test t = new Test ();  System.out.println(t.data);  }  } | | 3 |
|  | | List 4 applications of Java. | | 4 |
|  | | What are the different of ways by which the fields of an object are initialized? | | 5 |