# Questions

|  |  |
| --- | --- |
| **1.** | class G  {  static int p;  G(){  p += 10;  }  {  p += 20;  }  void test1(){  p += 30;  }  static void test2(){  p += 40;  }  public static void main(String[] args)  {  System.out.println("a: " + p);  G g1 = new G();  System.out.println("b: " + p);  g1.test1();  System.out.println("c: " + p);  test2();  System.out.println("d: " + p);  }  } |
| |  | | --- | | A.  a: 0  b: 30  c: 60  d: 100 |  |  | | --- | | B.  a: 20  b: 20  c: 20  d: 20 |  |  | | --- | | C.  Compilation error | | | |
| **Correct Answer: A** | | |
| **2.** | class H  {  static int p = 10;  public static void main(String[] args)  {  System.out.println("a: " + p);  System.out.println("b: " + H.p);  H obj = new H();  System.out.println("c: " + obj.p);  }  } |
| |  | | --- | | A.  a: 10  b: 10  c: 10 |  |  | | --- | | B.  Compilation error |  |  | | --- | | C.  None | | | |
| **Correct Answer: A** | | |

|  |  |
| --- | --- |
| **3.** | class I  {  static int count;  I(){  count++;  }  public static void main(String[] args)  {  I obj1 = new I();  System.out.println("a: " + count);  I obj2 = new I();  System.out.println("b: " + count);  I obj3 = new I();  System.out.println("c: " + count);  I obj4 = new I();  System.out.println("d: " + count);  }  } |
| |  | | --- | | A.  a: 1  b: 1  c: 1  d: 1 |  |  | | --- | | B.  a: 1  b: 2  c: 3  d: 4 |  |  | | --- | | C.  Compilation error |  |  | | --- | | D.  none | | | |
| **Correct Answer: B** | | |
| **4.** | class J  {  static int count;  J(){  count++;  }  public static void main(String[] args)  {  J obj1 = new J();  System.out.println("a: " + count);  J obj2 = new J();  System.out.println("b: " + count);  J obj3 = new J();  System.out.println("c: " + count);  J obj4 = new J();  System.out.println("d: " + count);  System.out.println("e: " + obj1.count);  System.out.println("f: " + obj2.count);  System.out.println("g: " + obj3.count);  System.out.println("h: " + obj4.count);  }  } |
| |  | | --- | | A.  a: 1  b: 2  c: 3  d: 4  e: 1  f: 2  g: 3  h: 4 |  |  | | --- | | B.  a: 1  b: 1  c: 1  d: 1  e: 1  f: 2  g: 3  h: 4 |  |  | | --- | | C.  a: 1  b: 2  c: 3  d: 4  e: 4  f: 4  g: 4  h: 4 |  |  | | --- | | D.  Compilation error | | | |
| **Correct Answer: C** | | |

|  |  |
| --- | --- |
| **5.** | class K  {  static int count;  K(){  count ++;  }  K(int i){  count ++;  }  K(int i, int j){  count ++;  }  public static void main(String[] args)  {  K k1 = new K();  K k2 = new K(10);  K k3 = new K(10, 20);  K k4 = new K(20);  K k5 = new K();  System.out.println(count);  }  } |
| |  | | --- | | A.  5 |  |  | | --- | | B.  3 |  |  | | --- | | C.  2 |  |  | | --- | | D.  Compilation error | | | |
| **Correct Answer: A** | | |
| **6.** | class L  {  static int count;  L(){  }  L(int i){  }  L(int i, int j){  }  {  count ++;  }  public static void main(String[] args)  {  L obj1 = new L();  L obj2 = new L();  L obj3 = new L(20);  L obj4 = new L();  L obj5 = new L();  L obj6 = new L(1, 4);  L obj7 = new L();  L obj8 = new L();  L obj9 = new L();  L obj10 = new L(7, 8);  System.out.println(count);  }  } |
| |  | | --- | | A.  7 |  |  | | --- | | B.  10 |  |  | | --- | | C.  3 |  |  | | --- | | D.  Compilation error | | | |
| **Correct Answer: B** | | |

|  |  |
| --- | --- |
| **7.** | Is it possible to use static variables any where in the class |
| |  | | --- | | A.  True |  |  | | --- | | B.  False | | | | |
| **Correct Answer: A** | | | |
| **8.** | Is this possible static member of one class can be used in another class without class name | |
| |  | | --- | | A.  True |  |  | | --- | | B.  False | | | | |
| **Correct Answer: B** | | | |

|  |  |
| --- | --- |
| **9.** | Is it possible to access static variable along with reference variable |
| |  | | --- | | A.  True |  |  | | --- | | B.  False | | | |
| **Correct Answer: A** | | |

Bottom of Form