**­­­­1**.In Java Arrays are

1. Objects
2. Object references
3. Primitive data types
4. Non of the above.

**2**. public class Test{

Public static void main(String args[])

{

int [] a= new int[0];

System.out.println(a.length);

}

}

1. 0
2. Compilation error, arrays cannot be initialized to zero size.
3. Compilation error, it is a.length() not a.length
4. Compilation error, it is a.length() not a.length

**3**. Which of these operators is used to allocate memory to array variable in Java?  
a) malloc  
b) alloc  
c) new  
d) new malloc

**4**. Which of these is an incorrect array declaration?  
a) int arr[] = new int[5]  
b) int [] arr = new int[5]  
c) int arr[] = new int[5]  
d) int arr[] = int [5] new

**5**. What will be the output of the following Java code?

**int** arr[] = **new** **int** [5];

System.out.print(arr);

a).0  
b) value stored in arr[0]  
c) 00000  
d) Class name@ hashcode in hexadecimal form

**6**. What will be the output of the following Java code?

1. **class** array\_output
2. {
3. **public** **static** **void** main(String args[])
4. {
5. **int** array\_variable [] = **new** **int**[10];
6. **for** (**int** i = 0; i < 10; ++i)
7. {
8. array\_variable[i] = i;
9. System.out.print(array\_variable[i] + " ");
10. i++;
11. }
12. }
13. }

a) 0 2 4 6 8  
b) 1 3 5 7 9  
c) 0 1 2 3 4 5 6 7 8 9  
d) 1 2 3 4 5 6 7 8 9 10

**7**. Java array is a collection of \_\_\_\_\_\_\_\_.

A. similar type of elements  
B. different type of element  
C. heterogeneous data  
D. Both A and C

. **8**.Array data access using \_\_\_\_\_.

A. Operator  
B. Variable  
C. index  
D. Pointer

**9**. Java Array can allocate \_\_\_\_\_\_\_\_\_\_.

A. Dynamic Memory  
B. Static Memory  
C. Both A and B  
D. None of the above

**10**. Which of the following is used to declare,construct, and initlaize an array?

A. int arr [] [] = {1, 2, 3, 4};  
B. int [] arr = (1, 2, 3);  
C. int [] arr = {};  
D. int arr [] = {1, 2, 3};

**11**. Which of the following is advantage of java array?

A. Code Optimization  
B. Random access  
C. Size No-Limit  
D. Both A and B

**12**. In java, array elements are stored in \_\_\_\_\_\_\_\_ memory locations.

A. Random  
B. Sequential  
C. Sequential & Random  
D. Binary search