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

Ans:

**2. Which of these is an incorrect array declaration?**

a)**int**arr[]=**newint**[5]

b)**int**[]arr=**newint**[5]

c)**int**arr[]=**newint**[5]

d)**int**arr[]=**int**[5]**new**

Ans:

1. **What will this code print?**  
   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

Ans:

**4. What is the output of this program?**

1. **class**array\_output
2. {
3. **publicstaticvoid** main(Stringargs[])
4. {
5. **int**array\_variable[]=**newint**[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)01 2 3 4 5 6 7 8 9  
d) 1 2 3 4 5 6 7 8 9 10

Ans:

**5. What is the output of this program?**

1. **class** evaluate
2. {
3. **publicstaticvoid** main(Stringargs[])
4. {
5. **int**arr[]=**newint**[]{0 , 1, 2, 3, 4, 5, 6, 7, 8, 9};
6. **int** n =6;
7. n =arr[arr[n]/2];
8. System.out.println(arr[n]/2);
9. }
10. }
11. 3  
    b) 0  
    c) 6  
    d) 1

Ans:

**6. An array elements are always stored in \_\_\_\_\_\_\_\_ memory locations?**a) Sequential  
b) Random  
c) Sequential and Random  
d) Binary search

Ans:

**7. Which of these method of String class is used to obtain character at specified index?**a) char()  
b) Charat()  
c) charat()  
d) charAt()

Ans:

**8. What is the output of this program?**

1. **class**string\_class
2. {
3. **publicstaticvoid** main(Stringargs[])
4. {
5. String obj ="ILIKE JAVA";
6. System.out.println(obj.charAt(3));
7. }
8. }
9. I  
   b) L  
   c) K  
   d) E

Ans:

**9. Write a program to count no. of words in given string**

Example: Input: This is my book and I am a student

Output: Total Words=9

**10.Merge two arrays**

int[]a = {1,2,3,4};

int[]b = {4,16,1,2,3,22};

Output: 1,2,3,4,4,16,1,2,3,22

1. **Write program to convert below diagram to Java Program.**

**Using For loop and For each loop to print data as well.**

