## The Brigade School Unit Test 2(2020-21)

Total points 50/50





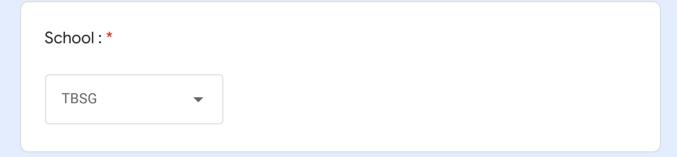
Class 10 Time: 30 min **Subject:Computer Applications** 

Max Marks: 50

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## Instructions

- 1. Select your name, school, class and section correctly
- 2. Attempt all the questions
- 3. Ensure that you have completed and revised your paper before submission.
- 4. You can attempt your paper only once.



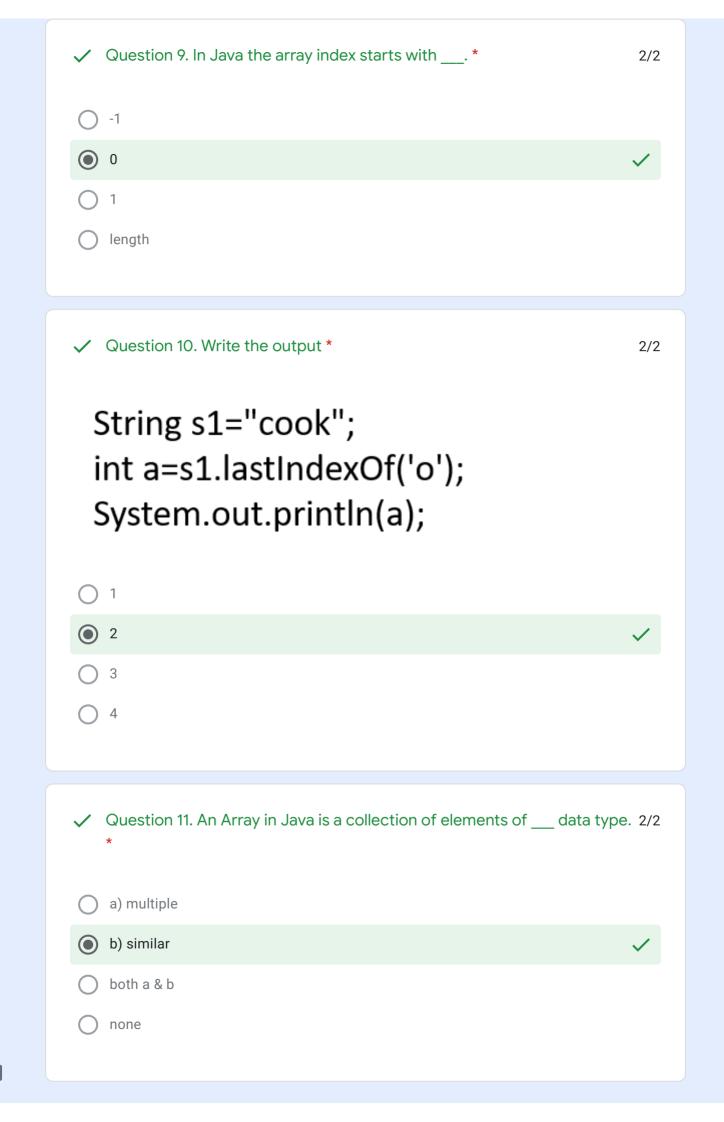
Name: \* Manan Y Mehta

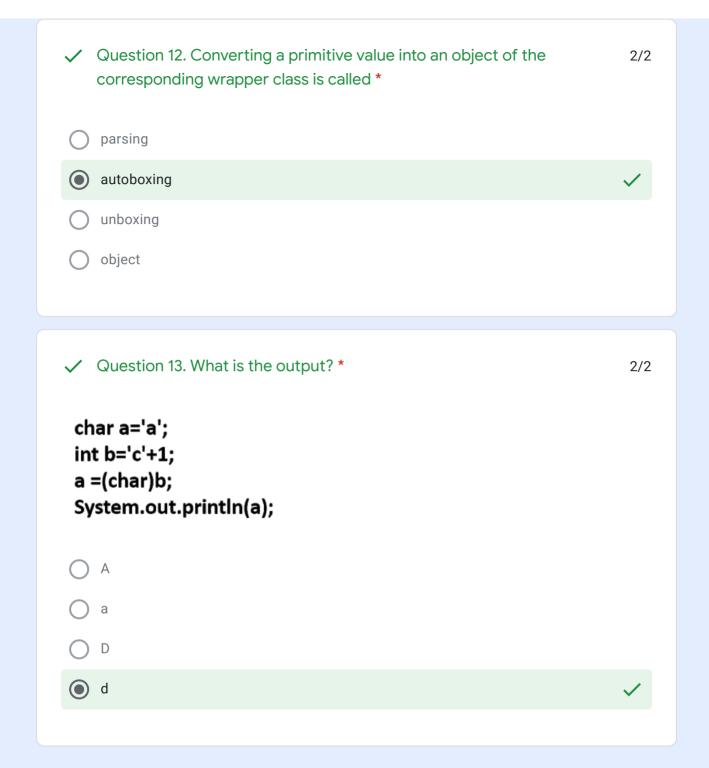
Class: \* 10 A

Question 1. Which element is arr[5] of the array arr? *	2/2
O 8	
O 9	
O 10	
none	<b>✓</b>
✓ Question 2. Which of the following is invalid? *	2/2
a) int a="hello".length();	
b) int a=s.length();	
c) both a&b	
d) int a="hello".length;	<b>✓</b>
✓ Question 3. Which one of the following is a valid statement? *	2/2
int[] a = new int()	
int [] a = new int[5]	<b>✓</b>
int[] a = new int(5)	
int[] a = new int[]	

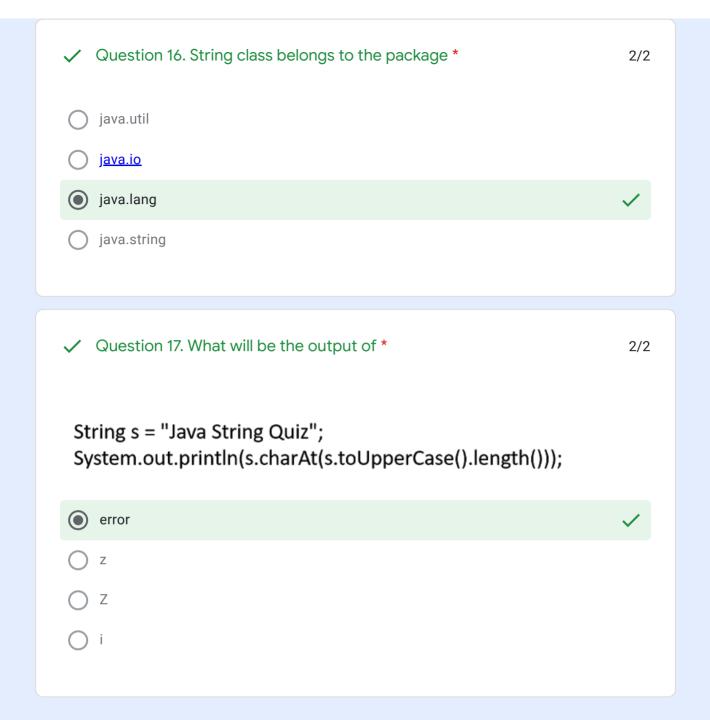
Question 4. \* 2/2 **Determine output:** int a[] =  $\{1,2,3\}$ ; for(int i = 0; i < a.length; i++) System.out.print(a[i] + " "); 123 3 2 1 132 213 Question 5. Which of the following is invalid? \* 2/2 char ch=sc.next( ).chatAt(0); char ch=sc.nextChar(); String s=sc.next(); String s=sc.nextLine();

<b>✓</b>	Question 6. Adjacent pairs of objects in the array are compared and swapped if they are not in the correct order in *	2/2
0	binary search	
0	linear search	
	bubble sort	<b>✓</b>
0	selection sort	
<b>✓</b>	Question 7. Which of the following statements is correct? *	2/2
0	int [] myList = {}	
0	int [] myList = (5, 8, 2)	
0	int myList [] [] = {4,9,7,0}	
	int myList [] = {4, 3, 7}	<b>✓</b>
<b>✓</b>	Question 8. The output datatype of concat() and compareTo() is the same. *	2/2
0	true	
	false	<b>✓</b>





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Question 14. *
                                                        2/2
What will be the output?
  String str1 = "abcde";
  System.out.println(str1.substring(1, 3));
  abc
bc
  bcd
  none
Question 15. *
                                                        2/2
What is the output of the following println statement?
  String str1 = "Hellow";
  System.out.println(str1.indexOf('t'));
  ) error
 \bigcirc 1
-1
```



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char a[] = {'a', '5', 'A', ' '};
System.out.print(Character.isDigit(a[0]) + " ");
System.out.print(Character.isWhitespace(a[3]) + " ");
System.out.print(Character.isUpperCase(a[2]));

true true true
false true false
false true false
false true true
```

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volume of the state of the
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Question 20. What is the output? *
                                                                   2/2
int arr[] = new int[] {0 , 1, 2, 3, 4, 5, 6, 7, 8, 9};
int n = 6;
n = arr[arr[n] / 2];
System.out.println(arr[n] / 2);
1
   3
Question 21. Which of the following methods does not belong to
                                                                   2/2
   Wrapper class? *
   isLetter()
    Integer.parseInt()
charAt()
   isUpperCase()
✓ Question 22. Which of these is not a String function? *
                                                                   2/2
  ) toLowerCase()
   indexOf()
isDigit()
    substring()
```

