

St. Mary's High School, New Coochbehar
3rd Unit Test – 2022

Class X

Sub:- Computer Applications

F.M.:- 30

Question 1.

- (a) What is an array? [1]
- (b) Find out the output:- [2]
`int a[]={25,6,8,97,33};`
(i) `System.out.println(a[1]+1);`
(ii) `System.out.println(a[1+1]);`
- (c) Find out the output:- [2]
`String a[]={"I", "In", "India"};`
(i) `System.out.println(a[a.length-1]+ " "+a[0]);`
(ii) `System.out.println(a[1]+a[2]);`
- (d) Rewrite if there is any error present in the given statement otherwise write 'Correct Statement' [2]
(i) `char []ch=new character{15};` [2]
(ii) `String [3]x={"help" + "me" + "once"};` [1]
- (e) Write a Java statement to declare a long type array with size 50;

Question 2.

Write a Java program to initialize the given numbers. Input any number from the user and search the inputted number within the list using binary search mechanism. If the inputted number is found print ELEMENT FOUND with the location and if the number is not found print ELEMENT NOT PRESENT.

12, 16, 39, 47, 63, 72, 83

[10]

[10]

Question 3.

Write a Java program to input 50 name and marks in an array and display the name of the 1st and last student in the class.

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rank holder