

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI –600 086
(For candidates admitted from the academic year 2009 – 10)

SUBJECT CODE: BI/PC/PC24

M. Sc. DEGREE EXAMINATION, APRIL 2010
BIOINFORMATICS
SECOND SEMESTER

COURSE : CORE
PAPER : PEAE AND CGI

MAX. MARKS:20

SECTION – B (4 x 5 =20)

I Find and correct the errors if any

```
print"/ncreating array\n\n";  
$name[0]="Chennai"  
$name[1]="Tamil Nadu";  
$name[2]="India";  
For(i=0,$i<#$name;$i++)  
    print"Name[$i]=$Name[i]";
```

II What is the output of the following program segments? (2+3)

a.

```
for($i=50;$i<55; $i++)  
    { sum=sum+i;  
      print"sum=$sum\n";  
    }
```

b.

```
$fna="Saranya";  
$snd="Balakumar";  
$fullname=$fna." " . $sna;  
$str="is reading";  
$fullname.=" $str";  
Printf"$fullname
```

III Complete the following program. The program will take in a string and check for the pattern "Hello". If found display appropriate message for upper, lower or proper case and also proper message should be formed. (5 MARKS)

```
printf"enter the string";  
$str=<stdin>;  
if($str=/hello")  
    print "proper case match";  
-----  
-----
```

IV create a subroutine to calculate the tax on income @25%. Pass income as an argument. The subroutine should return the tax on that income.

```
$tax=0  
$income=10000;  
//calling the subroutine  
$tax=  
// print the tax  
  
// define the subroutine  
-----
```

