

Quiz-1

OOP

1. Is there any error in the following code. If 'yes', provide the correction. If 'no' what will be the output of this program? 5

```
1 public class University {
2     public static void main(String[] args) {
3         Daffodil diu = new Department();
4         diu.display();
5     }
6 }
7
8 class Daffodil {
9     void display() {
10        System.out.println("Daffodil International University");
11    }
12 }
13
14 class Department extends Daffodil {
15     void display() {
16        System.out.println("Computer Science & Engineering");
17    }
18 }
```

2. Write a Java program that takes a student's details Name, CGPA, and Email as input from the user, and then displays the entered information in a single system out method. 5

3. Consider the following UML notation of a Class. Write the implementation of the above UML using Java language. Inside the main method, create an object and show calling of all the methods with expected output of the call. 5

Student
- stuid: int - name: String - email: String
+ Student(int, String) + displayName(): void + displayId(): void + displayEmail(): void + main(String[]): void