Practical Test 3B

Time: 45 minutes

Write a set of classes to generate generic acceptance letters for students entering a faculty at UCT. This program must adhere to best practices in object-oriented programming.

The following main program MUST be used:

```
class PTest3B
{
   public static void main ( String [] args )
   {
      Person dean = new Person ("Kathy", "Driver", Person.female);
      Person deputydean = new Person ("David", "Gammon", Person.male);
      Person secretary = new Person ("Elhaam", "Taladia", Person.female);
      Faculty science = new Faculty ("Science", dean, deputydean,
                                    secretary);
      science.printCertificate ();
   }
}
```

Your output should be as follows:

```
You have been accepted to study towards a degree in the Science faculty
Signed: _____ Ms Kathy Driver (Dean)
Signed: _____ Mr David Gammon (Deputy Dean)

All queries: Ms Elhaam Taladia
```

You are required to write the Person and Faculty classes.

You may consult your paper notes and textbook, but no electronic resources. You may NOT use a search engine or consult any Web resources (including Vula) or files on your flash disk, hard drive, etc.

Submit the Java source files to Vula, using a Zip file if necessary. Name your file **PTest3B.java** or **PTest3B.zip.**

Marking Guide:

- *Correctness: Faculty constructor:10%, Faculty output: 25%*

- *Correctness: Person constructor:10%, Person output: 20%, Person static constants: 10%*

- *Comments (Documentation): 25%*