**LAB WEEK 6**

Given the following class definition:

public class Hotel

{

// attributes

private String custIC; // customer’s identity card (IC)

private String roomType; // room type

private int days; // number of days

// methods

// normal constructor

// accessors

public double calcRate() {} // return room rate based on room type

// in the following table

|  |  |
| --- | --- |
| **Room type** | **Rate** |
| Superior | RM150 |
| Deluxe | RM200 |
| Executive | RM300 |

public double calcCost(){} // to calculate rental cost;

// cost = room rate x number of day)

}

1. Answer the following questions:
   1. Write a normal constructor.

(2 marks)

* 1. Write the printer method toString()

(2 marks)

* 1. Write methods definition for calcRate()and calcCost()

(5 marks)

