### **Python Final Exam**

### 

### **Total Marks: 100**

### **Restaurant Management System**

### **Customer Class 40 Marks**

| **Functionality** | **Marks** |
| --- | --- |
| Can create an account with name, email, and address | 5 |
| Can view the restaurant's menu (list of food and drinks available) | 5 |
| Can place an order by selecting food items from the menu. | 10 |
| Can check available balance before placing an order. | 3 |
| Can view a list of past orders. | 5 |
| Can add funds to their balance. | 5 |
| **Total Marks** | **40** |

### **Admin Class 40 Marks**

| **Functionality** | **Marks** |
| --- | --- |
| Can create and manage the restaurant menu (add/remove items). | 10 |
| Can add a new customer account by providing name, email, and address. | 5 |
| Can view all customer accounts (list of registered customers). | 5 |
| Can remove a customer account from the system. | 5 |
| Can view and modify the restaurant's menu (add/remove items, update prices). | 10 |
| **Total Marks** | **40** |

### **Restaurant Class 20 Marks**

| **Functionality** | **Marks** |
| --- | --- |
| Manages the restaurant menu (list of food items with prices) | 5 |
| Manages customer accounts (list of customers in the system). | 5 |
| Can show the menu, add/remove items from the menu, and check customer details. | 5 |
| Provides a replica of the menu for customers to view and for admins to manage. | 5 |
| **Total Marks** | **20** |

**Things To Submit**

Keep full code in one google doc and make it public and submit the public link.