**Quiz 1 Marking Scheme**

**CPU Components**

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| **Question** | **Description** | **Marks** |
| **1** | **1 mark for each correct step:****Initialization****While condition:** **Statement(s)** **Increment/decrement** | **4** |
| **2** | **# Sum of natural numbers up to num****num = 10****sum = 0****# use while loop to iterate until zero****while(num > 0):** **sum += num** **num -= 1****print("The sum is", sum)** | **5** |
| **3** | **correct\_PIN = 334****count = 3****i = 0****while i <= 3:** **pin = int(input("Enter PIN number "))** **if pin == 334:** **print("Valid PIN")** **break** **else:** **count = count - 1** **if count == 0:** **print("Your account is temporarily blocked")** **break** **else:** **print("You have", count, "attempt left")** | **6** |