**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** |