Total Marks: 12

AP Quiz #1 Rubric

Question 1

```
void delete (Node * current) {          ─── (0.5)

    if (current == nullptr || current->next == nullptr)

        return;      ───────── (0.5) for condition

    Node * nextNode = current->next;  ─── (1)

    current->data = nextNode->data;   ─── (1)

    current->next = nextNode->next;   ─── (1)

    delete nextNode;   ─── (1)                    [5]
```

3

Question 2

```
void printMiddle (Node * head) {   ─── (0.5)

    if (head == nullptr) return;   ── (0.5)

    Node * slow = head;    ─── (1)

    Node * fast = head;    ─── (1)

    while (fast != nullptr && fast->next != nullptr) {   ── (1)

        slow = slow->next;    ─── (1)

        fast = fast->next->next;   ── (1)
```

3

```
    cout << slow->data << endl;  ── (1)          [7]
```

3