Answer to The Question No. 1

Final Answer

- Answer group for A, B: f) N - I
- Answer group for C: a) N - 1

Explanation

1. In the `rodCut()` subprogram:
   - J: 1, J ≤ A, 1
   - Q < P[J] + R[B]
   - Q ← P[J] + R[B]

   Here, we need to determine the values of A and B:
   - A should be the number of elements in the array P, which is N. So, A = N.
   - B should represent the index of the previous element in the R array, which is R[I]. So, B = I.

2. In the `displayPiece()` subprogram:
   - N ← C

   Here, we need to determine the value of C:
   - C should be the new value of N after decrementing it by 1, so C = N - 1.

Answer to The Question No. 2

Final Answer

- Answer group for D, E: e) 16
- Answer group for F: c) 4

Explanation

1. D: Highest revenue for a 5-unit rod is 16.

2. E: Best way to cut a 5-unit rod for maximum revenue is to divide it into lengths of 5 and 0, yielding 16 in total.

3. F: After cutting a 5-unit rod into lengths 5 and 0 as per E's strategy, the remaining 4-unit part should be split into two equal lengths of 2 for maximum revenue, which is 4.