// Muhammad. Ammar

// BSCS-F19_M_63

①. (d). Time Complexity of Matrix Chain
Multiplication.

- For n numbers of matrices, there
are n^2 sub-problems. Likewise for each
sub-problem, there could be n split
points. Hence, Time Complexity will be,

Notation : $n^2 \cdot n = n^3$

=> Notation : $O(n^3)$