

Unit-3 / Assignment-3

Introduction to Automata Theory and
Formal Language

Que 1 Give the chomsky classification of Grammar.

Que Grammar G given by $S \rightarrow 0SA, 2,$
 $S \rightarrow 012, 2A_1 \rightarrow A_12, 1A_1 \rightarrow 11$

Test whether $00112 \in L(G)$.

Que Construct a grammar G generating
 $\{a^n b^n c^n \mid n \geq 1\}$

Que What do you mean by Context free Language?

Que Define Parse Tree.