Give a simple description of the language generated by the grammer with productions 5 -> aaA * 5 => aaA => aabs.

$$5 \rightarrow aaA$$

$$A \Rightarrow bS$$
 $\Rightarrow aab\lambda \Rightarrow aab$
 $S \Rightarrow \lambda$ * aab is the pattern thus
(aa) b" is the description.

$$L(G) = \{(aa)^b : n \ge 0\}$$

17. let Z= {a, b}. For each of the following languages, find a grammer that generates it.

$$S \Rightarrow aaaA \qquad [G = (\{S, A3, \{a, b3, 5, P\})]$$