

Regular Languages and Finite Automata 2002

Give a context-free grammar generating the language $\{a^m b^n \mid m \leq n\}$.
[4 marks]

Answer:

1 {	Terminal symbols :	a b
	Non-terminal symbol :	I
	Start symbol :	I
1	Productions :	I $\rightarrow \epsilon$
1		I $\rightarrow aIb$
1		I $\rightarrow Ib$

④