

PES UNIVERSITY, Bangalore
(Established under Karnataka Act No. 16 of 2013)
Department of Computer Science & Engineering

Automata Formal Languages & Logic

Q&A

1. Construct right-linear grammar for the regular language of binary strings in which every 0 is followed by 11. Construct a parse tree for the string 0111011

Solution:

LHS		RHS
S	\rightarrow	1S
S	\rightarrow	011S
S	\rightarrow	λ

