

Section 1

Question 1

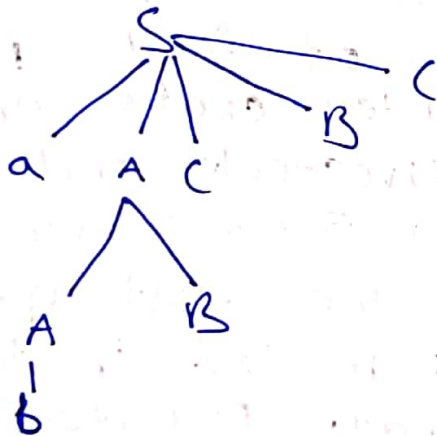
Answer 2

Parse tree \rightarrow A parse tree is pictorial representation of derivation, so it is also known as derivation tree. Parse tree is the tree representation of deriving a context free language (CFL) from a given context free grammar (CFG).

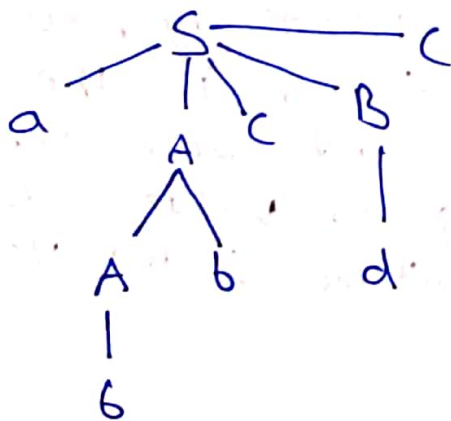
Numerical given :- $S \rightarrow aAcBc$

$A \rightarrow Ab \mid b$

$B \rightarrow d$



Left most derivation



Right most derivation

