

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

DEC '19

Section - 1 @

10 Q2) Define parse tree. find parse tree the string abbcde considering the production.

11 $S \rightarrow aAcBe.$

$A \rightarrow Ab$

12 $A \rightarrow b$

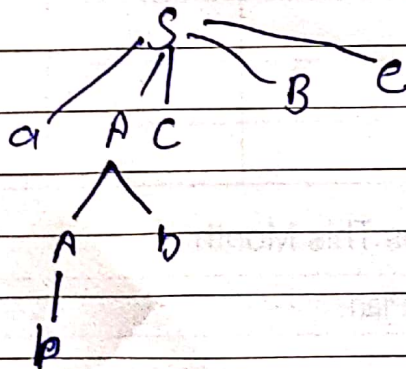
$B \rightarrow d$ is the ambiguous? Justify.

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 :- $S \rightarrow aAcBe$

$A \rightarrow Ab/b$

$B \rightarrow d$



	M	T	W	T	F	S	S
JAN '20			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		

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left most derivation

Right most derivation

