

Differentiate quadruples and triples.

(1)

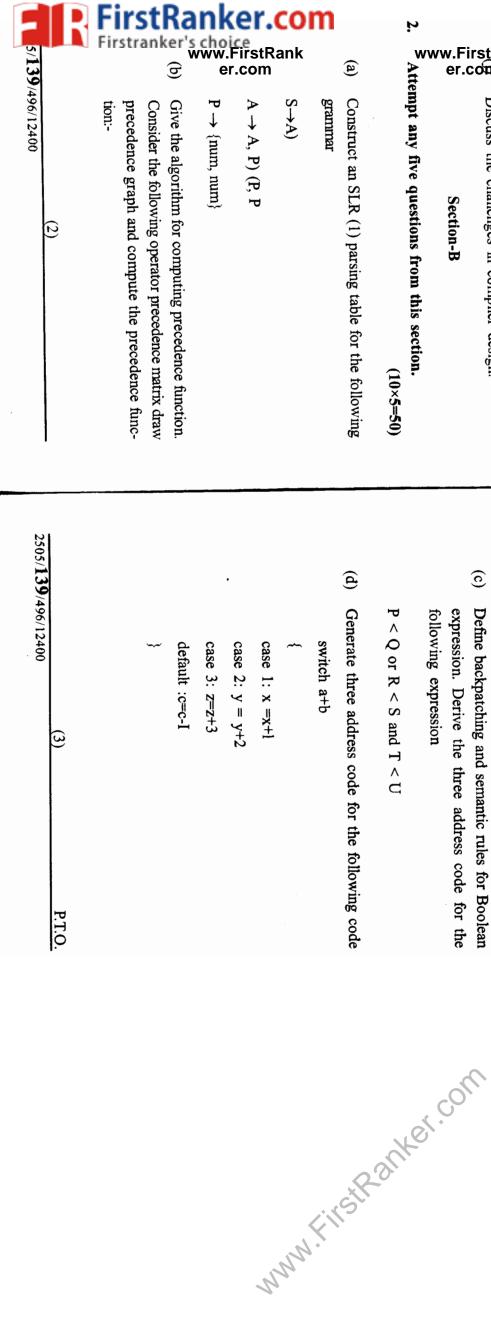
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(d)

parsing.

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P.T.O.



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05/139/496/12400		for the following basic blocks.	How DAG is different from Syntax Tree? Construct the DAG	Attempt any two questions from this section. (15)	Section-C	Describe symbol table and its entries. Also discuss various data structure used for symbol table.	ample.
			e DAG	(15×2=30)		ss vari-	
2505/139/496/12400		9.	<u></u>	7.	6.	ò,	4.
2400	)	9. Prod: =Prod+T6	T6:=T3*T5	T5:=T4 [T1]	T4:=addr (B)-4	T3:=T2 [T1]	T2:=addr (A)-4
P.T.O.	; ! )						

What are lexical phase errors, syntactic phase errors is LR (1) but not LALR (1). and semantic phase errors? Explain with suitable ex- $S \rightarrow Aa \mid bAc \mid Be \mid bBa$ 4. Consider the following sequence of three address codes: 3. T1:=4\*I 1. Prod: =02. I: =1

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 $B \rightarrow d$ 

 $A \rightarrow d$ 

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11: If I<=20 goto (3)

Perform Loop Optimization.

- 5. Write short notes:
  - (i) Global Data Flow Analysis
  - (ii) Loop Unrolling
  - (iii) Loop Jamming

(6)

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