

Prabhat Kumar College, Contai
BCA 5th Semester
Subject: Elective-I
Paper Code - 3104

(Answer any one question)

1. Construct SLR parsing table from the grammar
 $S \rightarrow AaAb/BbBa$, $A \rightarrow \epsilon$, $B \rightarrow \epsilon$.
2. Find FIRST set and FOLLOW set from the grammar $S \rightarrow iE + SA/a$, $A \rightarrow eS/\epsilon$, $E \rightarrow b$.
3. Construct LR (1) parsing table from the grammar $S \rightarrow CC$, $C \rightarrow aC$, $C \rightarrow d$.
4. What is compiler? Describes Lexical analysis, Syntax analysis and Code generator.