

Q1.	<p>A grammar G is given as follows and you are needed to develop a predictive parser for the grammar.</p> $A \rightarrow aB$ $B \rightarrow Bac$ $B \rightarrow cD$ $B \rightarrow cE$ $D \rightarrow d$ $E \rightarrow e$ <p>Find the set of FIRST(X) and FOLLOW(X) for each non-terminal X after making necessary changes (if needed) on the grammar.</p>	6
Q2.	Discuss on syntax errors and syntax-error recovery strategies.	6
Q3.	Bottom-up parsers are also known as LR parsers – Explain why.	3