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School of
**Engineering &
Technology**

Department of Computer Engineering

Class: - T.Y.
A.Y. : - 2025-2026

Semester: - Vth
Subject: - SPOS

Assignment 3

- Q.1 Explain the role of lexical analysis in compiler. Draw a neat and clean diagram.
- Q.2 Describe regular definitions for Regular expression, grammar, languages.
- Q.3 Explain the difference between compiler and Interpreter
- Q.4 What is compiler? Draw and explain the phases of compiler.
- Q.5 What is need of Interpreter? List and explain components of Interpreter.