

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, CEG CAMPUS  
ANNA UNIVERSITY, CHENNAI – 600025**

**CS23602 COMPILER DESIGN**

**MID-SEMESTER LABORATORY ASSESSMENT**

**VI SEMESTER (P- BATCH)**

**Date: 24-2-2026**

1. Tokenize a subset of SQL: (10)

- SELECT, FROM, WHERE
- table names
- column names
- string literals
- numbers

2. Write a lexer that scans a text file and extract: (15)

- email addresses
- phone numbers

Store them in separate files.