GOVT.GRADUATE COLLEGE PASRUR, SIALKOT

MID-TERM EXAM
Semester fall. 2024

BS- (COMPUTER SCIENCE)   Semester# (5)   **Total Marks: 25**

Course Title: compiler construction   **Code# (DC-322)**

Section Strength: 56

Paper Date: **Prof. (Daniel Mehmood)**

Time 1:30 hour

Q#1   Answer the following Short Questions.   **5×2=10**

a. . Define pattern, stream, lexeme and token.

b. . Describe front end and backend of compiler.

c. . Differentiate input Buffering. (bp and fp)

d. . What is code generation? Define Source to Source compiler.

e. . What is relocatable machine code also define linker and loader.

Q#2   Answer the following Questions in Details   **3×5=15**

a. . Briefly describe parser generator and scanner generator.

b. . Define compiler and write its feature and also describe all phases of compiler.

c. . Write detail note on lexical analyzer generator.

Best of Luck!