2023 Exam 5
Key Version K (indicated by problem 48)
a blank answer here means that any single letter is considered correct if more than one answer is listed, either was considered correct only one answer per field is allowed on the scantron, even if multiple answers are correct
format is \{Question \# correct answer\}: points per mistake
$\{1 \mathrm{~B} 2 \mathrm{~B} 3 \mathrm{~A}\}: 3.0$ pts 0 err, 2.0 pts 1 err, 0.5 pts 2 err, $\{4 \mathrm{~A} 5 \mathrm{~B}$ 6A 7A $\}: 4.0$ pts 0 err, 3.0 pts 1 err, 1.0 pts 2 err, 0.0 pts 3 err,
\{8B 9A 10B 11A \}:4.0 pts 0 err, 3.0 pts 1 err, 1.0 pts 2 err, 0.0 pts 3 err,
$\{12 \mathrm{~A}$ 13A $\}: 3.0$ pts 0 err, 1.0 pts 1 err,
$\{14 \mathrm{~A} 15 \mathrm{~A} 16 \mathrm{~B} 17 \mathrm{~B}$ 18A 19B 20A 21B \}:8.0 pts 0 err, 7.0 pts 1 err, 6.0 pts
2 err, 4.5 pts 3 err, 2.5 pts 4 err, 0.5 pts 5 err, 0.0 pts 6 err, 0.0
pts 7 err,
\{22D 23D 24C \}:3.0 pts 0 err, 2.0 pts 1 err, 0.5 pts 2 err,
$\{25 \mathrm{~A} 26 \mathrm{~A} 27 \mathrm{~B}\}: 3.0$ pts 0 err, 2.0 pts 1 err, 0.5 pts 2 err,
$\{28 \mathrm{~B} 29 \mathrm{~B} 30 \mathrm{~A}\}: 3.0$ pts 0 err, 2.0 pts 1 err, 0.5 pts 2 err, $\{31 \mathrm{~B} 32 \mathrm{~A} 33 \mathrm{~B}\}: 3.0$ pts 0 err, 2.0 pts 1 err, 0.5 pts 2 err, $34 \mathrm{~B}, \mathrm{C}: 1.0 \mathrm{pts}$
$35 \mathrm{~B}: 1.0$ pts
$\{36 \mathrm{~B} 37 \mathrm{~A} 38 \mathrm{~B} 39 \mathrm{~B}\}: 4.0 \mathrm{pts} 0$ err, 3.0 pts 1 err, 1.5 pts 2 err, 0.0 pts 3 err,
40 B:1.0 pts
\{41A 42B 43B 44B \}:4.0 pts 0 err, 3.0 pts 1 err, 1.5 pts 2 err, 0.0 pts 3 err,
$\{45 B 46 A 47 B\}: 3.0$ pts 0 err, 2.0 pts 1 err, 0.5 pts 2 err, $48 \mathrm{~K}: 0.0 \mathrm{pts}$

