## 2015 Exam 1

Key Version A (indicated by problem 65)
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
\{1A 2B 3B \}:4.5 pts 0 err, 2.5 pts 1 err, 0.0 pts 2 err, \{4B 5B 6B \}:4.5 pts 0 err, 2.5 pts 1 err, 0.0 pts 2 err, \{7B 8A 9A 10B \}:6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, \{11C 12F 13D 14B \}:6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, $\{15 B 16 B 17 A 18 A 19 A\}: 7.5$ pts 0 err, 6.0 pts 1 err, 3.5 pts 2 err, 0.5 pts 3 err, 0.0 pts 4 err,
\{20A 21B 22B 23A \}:6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, $\{24 \mathrm{~B} 25 \mathrm{~B} 26 \mathrm{~B} 27 \mathrm{~B}\}: 6.0$ pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, \{28A 29B 30A 31B 32A 33B \}:9.0 pts 0 err, 7.5 pts 1 err, 5.0 pts 2 err, 2.5 pts 3 err, 0.0 pts 4 err, 0.0 pts 5 err,
\{34A 35A 36A 37B \}: 6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, \{38A 39B 40B 41A \}: 6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, $\{42 \mathrm{~B} 43 \mathrm{~B} 44 \mathrm{~B}\}: 5.0 \mathrm{pts} 0$ err, 2.5 pts 1 err, 0.0 pts 2 err, \{45A 46B 47A 48B \}: 6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, \{49B 50A 51B \}:5.0 pts 0 err, 2.5 pts 1 err, 0.0 pts 2 err, $\{52 \mathrm{~B} 53 \mathrm{~B} 54 \mathrm{~B} 55 \mathrm{~A} 56 \mathrm{~A}\}: 8.0$ pts 0 err, $6.4 \mathrm{pts} 1 \mathrm{err}, 3.4$ pts 2 err, 0.0 pts 3 err, 0.0 pts 4 err, \{57A 58A 59B 60C \}:6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, \{61C 62D 63A 64B \}:6.0 pts 0 err, 4.5 pts 1 err, 2.0 pts 2 err, 0.0 pts 3 err, $65 \mathrm{~A}: 4.0 \mathrm{pts}$

