Name _____ Period _____   January 18, 2017
Technical Skills   Introduction to Biotechnology

Mid-Term Exam – Formal Laboratory Report Rubric

Format followed/Typed   5 points   Completed   incomplete/inaccurate   missing   _____ points
Organized Correctly   5 point   Completed Correctly   not organized correctly   _____ points

Title Page   5 points   Completed   incomplete/inaccurate   missing   _____ points
__ name   __ partner   __ submitted to
__ dated   __ title

Abstract – 45 points   Completed   incomplete/inaccurate   missing   _____ points
__ purpose-A   __ purpose-B   __ Purpose-C
__ Hypothesis-A   __ Hypothesis-B   __ Hypothesis-C
__ technique-A   __ technique-B   __ technique-C
__ findings-A   __ findings-B   __ findings-C
__ written in 3rd person   __ spelling is correct   __ logical/ not confusing

Background Information – 40 pts.   Completed   incomplete/inaccurate   missing   _____ points
Research provided for:
__ 5 types of bacteria   __ antimicrobial agents investigated
__ 5 antibiotics   __ bacterial culturing
__ Kirby-Bauer technique   __ antibiotic resistance
__ is detailed   __ is well written (spelling/grammar)

Materials & Procedure – 25 points   Completed   incomplete/inaccurate   missing   _____ points
__ material list in 3 columns   __ material list is complete
__ Procedure-A   __ Procedure-B   __ Procedure-C
__ safety Cautions provided   __ correctly formatted in steps   __ reproducible

Data Collection – 50 points   Completed   incomplete/inaccurate   missing   _____ points
__ individual data table(s)   __table formatted correctly
__ class data table   __ diagrams titled/explained
__ diagrams/pictures

Data Analysis – 40 points   Completed   incomplete/inaccurate   missing   _____ points
Analysis discussion:
__ discussed major findings   __identified any "unexpected" results
__ provided explanations for findings   __ identified any inconclusive data
__ developed claims   __ provided evidence for claims
__ is detailed   __ is well written (spelling/grammar)
__ graphs + 5

Conclusion- 40 points   Completed   incomplete/inaccurate   missing   _____ points
__ written in 3rd person/no "proved"   __ linked to purpose
__ major findings presented   __ Hypothesis supported/rejected

Literature Cited – 10 points   Completed   incomplete/inaccurate   missing   _____ points
__ minimum of three citations   __ correctly formatted

Score: _____ / 265