**Quiz 1, Version 1:**

Q1. Skills for organizing, visualizing, analyzing, and interpreting data are valuable when \_\_\_\_\_.

1. All of these
2. pursuing graduate or professional degrees, including taking the GRE/MCAT
3. interpreting popular media articles
4. working in academia, industry, or the government

Q2. Which of these does **not** need to be properly attributed in any assignments you turn in because it **is** an example of your own original work?

1. You describe the results of the statistical analysis you do in your data project.
2. You use Google to find computer code written by someone else that does part of the analysis for your data project.
3. You use coding packages written and published by someone else to do part of your data project.
4. You find a cool dataset in a published paper and use it as the basis for your data project.

Q3. Which of these is **not** part of the self-directed learning process that you will use to learn biostatistics in this course?

1. You will take notes by hand during two Powerpoint lectures each week.
2. You will compare your performance on a pre-test at the beginning of the course and a post-test at the end of the course and reflect on your progress during the semester.
3. You will revise assignments to correct any mistakes and take quizzes on the same content twice, because reflecting on and fixing errors is an important part of the learning process.
4. You will problem-solve and learn new skills by looking up information in references and Internet sources, seeking out help from others when you cannot find the answers on your own in a reasonable amount of time.

Q4: Which types of learning assessments will we do in this course to evaluate your proficiency and progress?

1. Pre- and post-tests, weekly quizzes, weekly assignments, and a data project
2. Pre- and post-tests, five written essays, and a data project
3. A midterm, a final, and a data project
4. A midterm and a final

Q5: Why can you revise any work done in this course?

1. All of these
2. In real jobs, projects that do not meet standards are revised to meet standards before being considered complete.
3. Making and fixing errors in an important part of the learning process.
4. The instructor wants every person to succeed and pass this class.

Q6. Which of these is **not** an example of being a good local and global community member as it relates to this course?

1. Your neighbor seems to be stuck on an assignment on a problem that you already finished, so you let them copy your code for that problem.
2. Your neighbor seems to be stuck on an assignment, so you ask if they want to work on that problem together.
3. You’re waiting on an important email, so you put your phone away during class, so that you won’t be tempted to keep checking it and distracting the people working near you.
4. You find a really cool dataset to work with for your data project, and you properly reference it in your project.

**Quiz 1, Version 2:**

Q1: Which of these is **not** a concept or skill related to the processes of producing and consuming statistics that we will be working on in this course?

1. Data entry
2. Data wrangling
3. Hypothesis testing
4. Random sampling

Q2: Which of these is **not** an example of giving proper attribution when using another person’s original work? (Which example **is** plagiarism?)

1. “I found the code to run this simulation online, but I can’t remember where.”
2. “All statistical analyses were conducted in R, using package ‘dplyr’ (Wickham et al. 2019).”
3. “The dataset that I used in this project was part of a study on pond snails published in Oecologia by Hopkins et al. (2018).”
4. “Climate change will likely cause 15-27% of species in some terrestrial regions to go extinct before 2050 (Thomas et al. 2004).”

Q3. Which of these is **not** something that both self-directed learners and professional data scientists do?

1. Miss important deadlines because they were stuck and did not ask for help
2. Revise projects that have errors and/or do not meet standards
3. Learn new skills as needed by consulting reference texts and online resources
4. Seek help from collaborations with peers to solve problems quickly

Q4: How will each assignment/quiz/project be graded in this course, and how will your final letter grade be determined based on your assignment/quiz/project grades?

1. Each assignment/quiz/project is graded on a S-, S, S+ scale; final letter grade is based on how many S or S+ requirements you meet from the grading contracts in the syllabus
2. Each assignment/quiz/project is graded on a 0-100 scale; final letter grade is based on total points achieved out of 10,000
3. Each assignment/quiz/project is graded on a 0-100 scale; final letter grade is based on a weighted average of grades for assignments/quizzes/projects
4. Each assignment/quiz/project is graded on a S-, S, S+ scale; final letter grade is based on total points achieved out of 10,000

Q5: Which of these best describes the revision policy in this course?

1. You can revise any graded work by the revision deadline listed for that assignment/quiz/project on the course schedule.
2. You cannot revise assignments.
3. You can only revise your data project.
4. You can revise any graded work any time before the end of the semester.

Q6. Which of these is **not** an example of being a good local and global community member as it relates to this course?

1. You’re working with your peers on an assignment and you’re getting through it faster than them, so you play a game on your phone while you wait for them to catch up.
2. You find some really helpful code on Stack Exchange and use it for an assignment, so you put a link to the Stack Exchange forum in your answer on your assignment.
3. You feel sick and are probably contagious, so you do not come to class and infect your peers, and instead work on your assignment for that week from home when you feel up to it.
4. You realize that you have been volunteering your opinions and ideas a lot during a class discussion, so you decide to wait until some other people contribute to the discussion before you volunteer anymore ideas.