CS2308 PA#4, Fall 2019 Name: DeJa Barclay

1. Compilation 20

* 10 Question.h + Question.cpp + QuizDriver.cpp compile
* 10 Question.h + Question.cpp compile with QuestionTester.cpp

2. Correctness 43

* 4 TC1 set+get Stem
* 4 TC2 set+get Key
* 5 TC3 set+get Answers
* 5 TC4 constructors

-2 for setting local variables instead of class members in default constructor

* 4 TC5 ask()

-1 for no space after every period

* 6 TC6 shuffle()

-1 for not setting random seed with srand(time(0));

* 8 TC7 Driver: uppercase letters
* 7 TC8 Driver: lowercase letters, perfect score

-3 for not converting the input in lowercase

-2 for not using constant for number of answers

3. Constraints 22

* + Question Class:
  + 4 Member variables are private
  + 4 Member functions do NO I/O, not to screen or file
  + Driver
  + 4 Uses an array of 5 Question objects
  + Multi-file Development
  + 5 Has 3 separate files (as stated in the instructions)
  + 5 Has a 3-rule (or more) makefile that works

4. Style/readability: 15

* 4 Header with info AND description on all source files
* 5 Complete function definition comments for each function
* 3 98% of lines are not longer than 80 characters
* 3 Has proper indentation

-30 for having almost the same code base as Katie, Grady(g\_k45) and not citing each other; having the same implementation of shuffle() as Amaya, Ronaldo(raa132) and not citing each other

Penalties, if any: -39