1. Engineers do which of the following?
   a. create products for the benefit of society
   b. design based on principles of math and science
   c. create everything we use on a day-to-day basis
   d. all of the above
   e. none of the above

2. A degree in engineering could allow you to:
   a. go to medical school
   b. go to law school
   c. work in exciting job markets
   d. all of the above
   e. none of the above

3. For most products, engineers only go through the engineering design process once.
   True [ ] False [ ]

4. It is not important for engineers to be able to communicate their ideas to the public. That’s the job of public relations people.
   True [ ] False [ ]

5. During brainstorming, a team should:
   a. avoid crazy ideas and focus on what is reasonable
   b. build on each others’ ideas
   c. not judge the ideas of others
   d. all of the above
   e. B and C only

6. When finding the solution to an engineering design problem, usually there...
   a. is only one possible correct solution
   b. is a very limited number of possible correct solutions
   c. are many possible correct solutions

7. It is important to get feedback from the client several times during the design of a product.
   True [ ] False [ ]

8. Which type(s) of engineer can do projects for local communities?
   a. aerospace engineers
   b. civil engineers
   c. software engineers
   d. all types of engineers
   e. B and C only

Service-Based Engineering Design Projects Unit — Example Pre/Post Quiz Answers