1. The average American farmer feeds ______ people per day.
   a) 110  
   b) 155  
   c) 250  
   d) 575

2. By 2050, the global population is expected to reach nine billion people, requiring ______% more food than today.
   a) 15%  
   b) 40%  
   c) 70%  
   d) 200%

3. True or False: Traditional plant breeding can result in both the positive and negative traits of the parent plants being passed on.
   a) True  
   b) False

4. True or False: To be certified “organic,” crops must be grown without the use of fertilizers or pesticides.
   a) True  
   b) False

5. _____% of packaged foods on supermarket shelves today contain some genetically engineered ingredients.
   a) 15-20%  
   b) 30-40%  
   c) 75-80%  
   d) 85-90%

6. True or False: The nutritional quality of meat, milk and eggs from livestock animals is the same, regardless of whether they were given feed derived from biotech crops or non-biotech feed.
   a) True  
   b) False
7. **True or False:** Since 1996, when foods produced with biotechnology first entered the market, there have been no confirmed cases of harm to human health from the use of biotechnology.
   a) True
   b) False

8. Which organizations have deemed foods produced using biotechnology to be safe?
   a) U.S. Food & Drug Administration (FDA)
   b) U.S. Environmental Protection Agency (EPA)
   c) United States Department of Agriculture (USDA)
   d) A and C
   e) A, B and C

9. Which term does the FDA consider to be the most accurate to describe food biotechnology?
   a) Genetically Modified
   b) Genetically Modified Organism
   c) GMO
   d) Genetic Engineering
   e) None of the above are accurate

10. **True or False:** People with food allergies react differently to GE foods compared to non-GE foods.
    a) True
    b) False

11. The FDA requires labeling for which of the following food products?
    a) All food products containing a major allergen.
    b) Any food produced using biotechnology that introduces a major allergen.
    c) Any food produced using biotechnology that changes the nutritional composition of the food.
    d) All of the above

12. Based on the 2014 IFIC *Consumer Perceptions of Food Technology Survey*, what percentage of Americans report wanting information about biotechnology on the label?
    a) 4%
    b) 14%
    c) 44%
    d) 75%
13. In the 1990s, the use of biotechnology prevented the devastation of __________ crop(s) by a virus that would have eliminated the only U.S. supply of the fruit.
   a) Banana
   b) Apple
   c) Papaya
   d) Strawberry

14. Which is a benefit of biotechnology for farmers and consumers? (Note: all contribute to sustainability)
   a) Reduced use of pesticides, fuel, and fertilizers
   b) More consistent, reliable harvests
   c) Increased food yield per acre of land or per animal
   d) Improved soil quality
   e) All of the above

15. Based on the 2014 IFIC Consumer Perceptions of Food Technology Survey, which of the following is NOT among the most trusted sources for information on food biotechnology?
   a. Health organization
   b. Government agency
   c. Friend or neighbor
   d. Health professional