

(These items were developed by teachers for the Technical Skills Assessment. Below is a sample item for each program standard.)

Question 1 of 16

About 15.1% of the world's land is suitable for what type of use?

- A) Housing
- B) Grazing
- C) Fishing
- D) Farming

Question 2 of 16

Which species of livestock has most improved human health through biotechnology?

- A) Ovine
- B) Porcine
- C) Bovine
- D) Equine

Question 3 of 16

What data or observations can be measured?

- A) Quantitative
- B) Generalizations
- C) Qualitative
- D) Systematic

Question 4 of 16

What is TRUE of producers?

- A) They are also called decomposers.
- B) They use solar energy to create their own food.
- C) They are closely related to bacteria.
- D) They do not need organic materials to live.

Question 5 of 16

Which is NOT a method to prevent soil erosion?

- A) No-till farming
- B) Vegetation
- C) Slope percentage
- D) Retaining wall

Question 6 of 16

Animals derive energy from sugars, fats, carbohydrates, and proteins. From where did all that energy start?

- A) Plants
- B) Prey
- C) Digestion
- D) Mitochondria

Question 7 of 16

What type of root system is made up of many multi-branched roots?

- A) Tap
- B) Secondary
- C) Fibrous
- D) Primary

Question 8 of 16

Which nutrient is NOT essential for the plant and does NOT need to be added to water in a hydroponics system?

- A) Soil pH
- B) Nitrogen level
- C) Insect infestation
- D) Moisture content

Question 9 of 16

Which species has a monogastric digestive system?

- A) Goat
- B) Sheep
- C) Horse
- D) Cattle

Question 10 of 16

When consuming wild game, the consumer should be cautious of which toxin?

- A) Silver
- B) Copper
- C) Steel
- D) Lead

Question 11 of 16

Which pest management technique would be the most effective method for immediate control of a large-scale insect infestation without damaging the crop?

- A) Chemical
- B) Mechanical
- C) Biological
- D) Cultural

Question 12 of 16

Using the same cutting boards and equipment on raw and uncooked meat, poultry, dairy products, and seafood could result in what TYPE of foodborne disease?

- A) Acid reflux
- B) Salt toxicity
- C) Salmonella
- D) Cleaning contamination

Question 13 of 16

What does a green or bare wire signify?

- A) Neutral
- B) Hot
- C) Ground
- D) Cool, dry

Question 14 of 16

The farm truck is having issues shifting between gears. In the user manual, under what system would information be found to solve the problem?

- A) Transmission
- B) Steering
- C) Suspension
- D) Hydraulics

Question 15 of 16

Which is NOT a component of a business plan?

- A) Business budget
- B) Business description
- C) Business market analysis
- D) Business motto

Question 16 of 16

What helps guide tractors when applying chemicals to crops?

- A)** Earth curvature
- B)** GIS
- C)** GPS
- D)** Radio towers

AgriScience Sample Test Answer Key

Question	Answer
1.	D
2.	B
3.	A
4.	B
5.	C
6.	A
7.	C
8.	D
9.	C
10.	D
11.	A
12.	C
13.	C
14.	A
15.	D
16.	C