

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

**Question 1 of 16**

What is a major export for Arizona agriculture?

- A) Apples
- B) Pineapple
- C) Cherries
- D) Citrus

**Question 2 of 16**

What area of urbanization produces the greatest economic impact on society?

- A) State land
- B) Suburban
- C) Urban
- D) Rural

**Question 3 of 16**

What data or observations can be measured?

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

#### Question 4 of 16

What is the symbiotic relationship where both organisms benefit and neither one is harmed?

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- A) Commensalism
- B) Parasitism
- C) Mutualism
- D) Symbiosis

#### Question 5 of 16

How does the practice of no-till farming positively affect the environment?

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- A) Global warming
- B) Dust control
- C) Water pollution
- D) Insect development

#### Question 6 of 16

By crossing two purebred varieties of plants, a plant superior to both plants is produced. What is the new variety?

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- A) Recessive
- B) Alternative
- C) Hybrid
- D) Dominant

#### Question 7 of 16

Transpiration is a function of which plant part?

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- A) Root
- B) Flower
- C) Leaf
- D) Stem

### Question 8 of 16

What term is used to describe minerals that are used in trace amounts?

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- A) Macro
- B) Primary
- C) Micro
- D) Nonessential

### Question 9 of 16

What is the term for an animal with only one stomach compartment?

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- A) Ruminant
- B) Monogastric
- C) Avian
- D) Polygastric

### Question 10 of 16

What is the MOST important essential nutrient in animals?

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- A) Vitamins
- B) Water
- C) Protein
- D) Carbohydrates

### Question 11 of 16

What method of insect management can be used for crops that are resistant to certain pests?

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- A) Lady bugs
- B) Herbicides
- C) Pesticides
- D) Cover crops

**Question 12 of 16**

What does the acronym CCP mean?

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- A) Critical Control Points
- B) Control Concepts Pointers
- C) Container Concepts Points
- D) Critical Clean Pointers

**Question 13 of 16**

Which type of project typically uses PVC material?

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- A) Electrical
- B) Welding
- C) Plumbing
- D) Masonry

**Question 14 of 16**

When repairing electrical equipment, which safety precaution **MUST** be employed?

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- A) Disconnect power
- B) Disconnect ground
- C) Hold equipment when testing
- D) Test with electricity on

**Question 15 of 16**

Sara purchased 5,000 azaleas at \$2.10 each. In addition, she was charged for round trip mileage at \$2 per mile for a trip that was 40 miles one way. What is the total cost for the order?

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- A) \$10,660
- B) \$22,000
- C) \$1,660
- D) \$5,060

### Question 16 of 16

What equipment is being used to apply pesticides in precise locations rather than broadcasting the entire field?

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- A) Airplanes
- B) Center pivots
- C) Drones
- D) Tractors

AgriScience Sample Test Answer Key

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