Sample Test Name: Agribusiness Systems

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

Question 1 of 19

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

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

Question 2 of 19

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

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

Question 3 of 19

What are symptoms of Nitrogen deficiency?

- **A)** Purplish leaves, stems, and branches
- **B)** Wilted plant; loss of leaves
- **C)** Deformed terminal leaves; poor root growth
- **D)** Light green to yellow leaves; stunted growth

Question 4 of 19

What is the correct order of how an organism is classified from broadest to the most specific grouping?

- A) Kingdom, class, family, genus, species
- B) Species, class, kingdom, family, genus
- C) Class, family, species, genus, family
- D) Family, genus, species, kingdom, class

Question 5 of 19

Which part of the bean seed becomes the root?

- A) Endosperm
- B) Plumule
- C) Radical
- D) Cotyledon

Question 6 of 19

Which animal reproductive practice is considered natural?

- A) Artificial insemination
- B) Pasture/pen mating
- C) In vitro fertilization
- D) Embryo transfer

Question 7 of 19

What is the easiest way to view a change or trend over time for collected data?

- A) Table
- B) Graph
- C) Drawing
- D) Generalization

Question 8 of 19

What is a variable that limits an activity or prevents a population from expanding?

- **A)** Conservation factor
- **B)** Carrying capacity
- **C)** Limiting factor
- **D)** Grazing factor

Question 9 of 19

Which technique is used to repair genetic defects?

- **A)** Gene therapy
- **B)** Vaccine administration
- **C)** Blood transfusion
- **D)** Artificial insemination

Question 10 of 19

What are the three major food inspection agencies?

- **A)** EPA, CDC, USDE
- **B)** FDA, USDE, CDC
- **C)** GPA, CDC, USDA
- **D)** EPA, FDA, USDA

Question 11 of 19

What is an example of a potential environmental damage resulting from improper agricultural practices?

- **A)** Positive image
- **B)** Runoff
- **C)** Drought
- **D)** Increased yields

Question 12 of 19

What is an example of a service that APHIS provides?

- A) Protecting animal and plant health
- B) Regulating pesticide use on agricultural commodities
- C) Monitoring water usage
- D) Implementing land management practices

Question 13 of 19

What does a rectal thermometer determine?

- A) Breathing rate
- B) Temperature
- C) Heart rate
- D) Fecal color

Question 14 of 19

An iron deficient diet can be corrected by increasing consumption of which food?

- A) Fruit
- B) Eggs
- C) Red meat
- D) Lettuce

Question 15 of 19

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

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

Question 16 of 19

What is the most efficient amount of pesticide to apply?

- A) Concentrated amount
- B) Diluted amount
- C) Recommended amount
- D) Depends on the population

Question 17 of 19

What is an example of a financial risk management strategy?

- A) Purchasing insurance
- B) Investing in real estate
- C) Purchasing stocks
- D) Purchasing on credit

Question 18 of 19

What does a green or bare wire signify?

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

Question 19 of 19

A local landscape company had $2000 in fixed costs, $1200 in variable costs, and $7000 in income for the month. What is their net profit?

- A) $3,200
- B) $3,500
- C) $3,800
- D) $12,000

Agribusiness Systems Sample Test Answer Key

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