Name: Date:

AFNR

Pre/Post Test

**Directions:** Select the answer that best fits the question for each multiple-choice question. For each short answer question, the rubric for how will be graded is associated with the question.

1. What year did the FFA start? Benchmark 3.8 Business Leadership
   1. 1930
   2. 1965
   3. 1970
   4. 1928
2. Who wrote the FFA creed? Benchmark 3.8 Business Leadership
   1. Henry Groseclose
   2. EM Tiffany
   3. Leslie Applegate
   4. Todd Davis
3. What are the three components of agricultural education? Answer must include all three correct components in order to obtain full credit. Benchmark 3.8 Business Leadership

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| --- | --- | --- | --- | --- | --- |
|  | **Exceptional (4pts)** | **Meets Expectations (3 pts)** | **Satisfactory (2 pts)** | **Needs Improvement (1 pt)** | **Unacceptable (0 pt)** |
| Content: | Answers are comprehensive, accurate and complete. Key ideas are clearly stated, explained, and well supported. | Answers are accurate and complete. Key points are stated and supported. | Answers are not comprehensive or completely stated. Key points are addressed, but not well supported. | Answers are partial or incomplete. Key points are not clear. Question not adequately answered. | Did not answer question. |
| Organization: | Well organized, coherently developed, and easy to follow. | Organization is mostly clear and easy to follow. | Inadequate organization or development. Structure of the answer is not easy to follow. | Organization and structure detract from the answer. | Did not answer question. |
| Grammar & Spelling | Displays no errors in spelling, punctuation, grammar, and sentence structure. | Displays one to three errors in spelling, punctuation, grammar, and sentence structure. | Displays three to five errors in spelling, punctuation, grammar, and sentence structure. | Displays over five errors in spelling, punctuation, grammar, and sentence structure. | Did not answer question. |

1. What is the purpose of three taps of the gavel? Benchmark 3.7 Communication Skills
   1. Stand
   2. Sit
   3. Adjourn
   4. Recess
2. What is quorum? Benchmark 3.7 Communication Skills

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1. What is the symbol of authority at the meeting? Benchmark 3.8 Business Leadership
   1. President
   2. Rising Sun
   3. Gavel
   4. Advisor
2. What are four reasons for Parliamentary Procedure? Answer must include all four correct components in order to obtain full credit. Benchmark 3.8 Business Leadership

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1. What is the difference between ruminant and mono-gastric digestive systems? Answer must state what a ruminant system is and what a monogastric system is in order to obtain full credit 1.2 Body Systems

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1. Which of the following brings blood back to the heart? 1.2 Body Systems
   1. Veins
   2. Arteries
   3. Lymph nodes
   4. Bone Marrow
2. Which organ is responsible for absorption of nutrients? 1.2 Body Systems
   1. Heart
   2. Intestines
   3. Kidneys
   4. Liver
3. What system is responsible for providing the body with structure? 1.2 Body Systems
   1. Musculoskeletal
   2. Urinary
   3. Reproductive
   4. Circulatory
4. What are the three types of energy that animals consume? Answer must include all three correct components in order to obtain full credit. 1.1 Nutrition

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1. What is the largest operating cost of an animal production? 1.1 Nutrition
   1. Feed
   2. Medication
   3. Transportation
   4. Management
2. What is an example of a protein? 1.1 Animal Nutrition
   1. Soybean meal
   2. Water
   3. Grain
   4. Hay
3. Which one of these would be able to bear offspring? 1.2 Body System
   1. Steer
   2. Capon
   3. Sow
   4. Stallion
4. What is the male reproductive hormone? 1.2 Body System
   1. Estrogen
   2. Progesterone
   3. Oxytocin
   4. Testosterone
5. What is the difference between phenotype and genotype? 2.3 Genetics

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1. Where is an appropriate intramuscular injection site? 1.4 Animal Health
   1. Neck
   2. Ham
   3. Inner Thigh
   4. Arm
2. Name three animal identification methods. Answer must include all three correct components in order to obtain full credit. 1.3 Care and Management

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1. A medication with a 30 day withdraw time given on January 1 will allow the animal to be free of all medication on which of the following dates? 1.4 Animal Health
   1. January 30th
   2. February 1st
   3. February 28th
   4. January 31st
2. Which of the following is not a type of SAE? 3.6 Information Management
   1. Placement
   2. Exploratory
   3. Business
   4. Entrepreneurship
3. Who is responsible to determine your SAE project? 3.6 Information Management
   1. Parent/Guardian
   2. FFA Advisor
   3. Student
   4. Principal
4. What plant structure is responsible for the uptake of water and nutrients? 7.4 Plant Production and Management
   1. Leaves
   2. Roots
   3. Petals
   4. Stems
5. What are the female parts of the flower? 7.2 Plant Reproduction
   1. Pistol and Stamen
   2. Stigma, Style and Ovary
   3. Anthers, Filaments
   4. Petals, sepals
6. What is the purpose of the hydrologic cycle? Must state what the hydrologic cycle is and the purpose. 7.4 Plant Production and Management

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1. What parts are responsible for the movement of products of photosynthesis? 7.1 Plant Nutrients
   1. Xylem
   2. Phloem
   3. Cambium
   4. Leaf
2. Which of the following is not a primary nutrient for plant growth? 7.1 Plant Nutrients
   1. Nitrogen
   2. Magnesium
   3. Potassium
   4. Phosphorous
3. Which of following crops is not a legume? 7.4 Plant production and management
   1. Soybeans
   2. Corn
   3. Alfalfa
   4. Peas
4. What does IPM stand for? Must state what all of the letters stand for in order to receive full credit. 7.3 Pest Management

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1. What machine is used to remove crops from the field? 7.5 Harvesting and Storage
   1. Planter
   2. Disc
   3. Combine
   4. Sprayer

Name: ***Answer Key*** Date:

AFNR

Pre/Post Test

1. What year did the FFA start? Benchmark 3.8 Business Leadership
2. 1930
3. 1965
4. 1970
5. 1928
6. Who wrote the FFA creed? Benchmark 3.8 Business Leadership
7. Henry Groseclose
8. EM Tiffany
9. Leslie Applegate
10. Todd Davis
11. What are the three components of agricultural education? Benchmark 3.8 Business Leadership

FFA, Classroom/Lab and SAE

1. What is the purpose of three taps of the gavel? Benchmark 3.7 Communication Skills
2. Stand
3. Sit
4. Adjourn
5. Recess
6. What is quorum? Benchmark 3.7 Communication Skills

Half of the voting membership plus one.

1. What is the symbol of authority at the meeting? Benchmark 3.8 Business Leadership
2. President
3. Rising Sun
4. Gavel
5. Advisor
6. What are four reasons for Parliamentary Procedure? Benchmark 3.8 Business Leadership

Keep/Maintain Order, Keep the meeting flowing properly and efficiently, the majority rules; while the minority is heard, Handle one motion at a time.

1. What is the difference between ruminant and mono-gastric digestive systems? 1.2 Body Systems

A ruminant system will eat their feed very quickly and then regurgitate it to chew and then continue on with digestion. Ruminant systems also could have more than one stomach and do most of their digestion through biological. Monogastric stomachs have one stomach and their system is simple with most of their digestion taking place with acids.

1. Which of the following brings blood back to the heart? 1.2 Body Systems
2. Veins
3. Arteries
4. Lymph nodes
5. Bone Marrow
6. Which organ is responsible for absorption of nutrients? 1.2 Body Systems
7. Heart
8. Intestines
9. Kidneys
10. Liver
11. What system is responsible for providing the body with structure? 1.2 Body Systems
12. Musculoskeletal
13. Urinary
14. Reproductive
15. Circulatory
16. What are the three types of energy that animals consume? 1.1 Nutrition

Proteins, Carbohydrates and Fats

1. What is the largest operating cost of an animal production? 1.1 Nutrition
2. Feed
3. Medication
4. Transportation
5. Management
6. What is an example of a protein? 1.1 Animal Nutrition
7. Soybean meal
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10. Hay
11. Which one of these would be able to bear offspring? 1.2 Body System
12. Steer
13. Capon
14. Sow
15. Stallion
16. What is the male reproductive hormone? 1.2 Body System
17. Estrogen
18. Progesterone
19. Oxytocin
20. Testosterone
21. What is the difference between phenotype and genotype? 2.3 Genetics

Phenotype is just the way that the animal looks (example: colors, shape, etc.). Genotype are the genes that the animal has within the actual animal (example: animal carrying a disorder from parents).

1. Where is an appropriate intramuscular injection site? 1.4 Animal Health
2. Neck
3. Ham
4. Loin
5. Arm
6. Name three animal identification methods. 1.3 Care and Management

Branding, tattooing and ear tagging

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15. Principal
16. What plant structure is responsible for the uptake of water and nutrients? 7.4 Plant Production and Management
17. Leaves
18. Roots
19. Petals
20. Stems
21. What are the female parts of the flower? 7.2 Plant Reproduction
22. Pistol and Stamen
23. Stigma, Style and Ovary
24. Anthers, Filaments
25. Petals, sepals
26. What is the purpose of the hydrologic cycle? 7.4 Plant Production and Management

To recycle water.

1. What parts are responsible for the movement of products of photosynthesis? 7.1 Plant Nutrients
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3. Phloem
4. Cambium
5. Leaf
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11. Which of following crops is not a legume? 7.4 Plant production and management
12. Soybeans
13. Corn
14. Alfalfa
15. Peas
16. What does IPM stand for? 7.3 Pest Management

Integrated Pest Management Plan

1. What machine is used to remove crops from the field? 7.5 Harvesting and Storage
2. Planter
3. Disc
4. Combine
5. Sprayer