Animal Sciences and Technology

Pre and Post Tests

1. True or False Biotechnology is a career field in animal sciences. 3.12 Business Regulation and other related issues
2. What are three types of animal identification? 1.3 Care and Management
3. Which of the following is a way that animals can be classified 1.6 Animal Behavior

A By their physical characteristics

B By the uses people make of them

C By other categories used to put similar animals together

D All of the above

1. What does DUNF stand for? 3.14 Business Regulation and other related issues
   1. Don’t use new form
   2. Drug Use Notification Form
   3. Dependable unidentifiable nuisance form
2. Where is an animal’s poll? 1.2 Body Systems
   1. Head
   2. Hip
   3. Middle
   4. Leg
3. What is a disease that is normally found in sheep? 1.4 Animal Health
   1. Scrapes
   2. Rabies
   3. Herpes
   4. None of the above
4. Where can you find the withdrawal time? 1.4 Animal Health
   1. Posted in the barn
   2. Online
   3. Medication Label
   4. Feed Sack
   5. B,C,D
5. What kind of a treatment would you give to an animal with an infection? 1.4 Animal Health
   1. Antibiotic
   2. Anti-inflammatory
   3. Fungicide
   4. Antihistamine
6. What is the term used for castration in domestic pets? 1.5 Population Management
   1. Spayed
   2. Neutered
   3. Banding
   4. None of the Above
7. Define euthanasia. 1.5 Population Management
8. Who is the founding developer of the modern livestock handling facilities? 1.6 Animal Behavior
   1. Ryan Sell
   2. Tom Smith
   3. Temple Grandin
   4. Wayne Pacelle
9. What is an effect of excessive stress on an animal? 1.6 Animal Behavior
10. Explain the concept of “All in and all out” in hog facilities. 3.12 Agro-security and biosecurity
11. What is colostrum? 1.3 Care and Management
    1. First milk for newborn animal
    2. Medication for newborn animal
    3. First milk from a fresh animal
    4. Both A and C
12. What is the difference between intramuscular and subcutaneous injections? 1.4 Animal Health
13. What is not an example of forage? 1.1 Nutrition
    1. Corn
    2. Alfalfa
    3. Straw
    4. Soybeans
14. Please draw a Punnett’s Square showing a cross between a recessive homozygous (bb) and a dominant homozygous (BB). 2.3 Genetics
15. Using question number 17, what is the possibility of the offspring having the genotype that is heterozygous? 2.3 Genetics
    1. 25%
    2. 50%
    3. 75%
    4. 100%
16. What government agency oversees agricultural production? 3.1 Business Regulations and related issues
    1. USDA
    2. FDA
    3. FICA
    4. FSIS
17. Give an example of an animal welfare group that exists in the US. 3.12 Agro-Security and biosecurity
18. Which of the following is listed as a terrorist organization by the governments of the world? 3.12 Agro-Security and Biosecurity
    1. HSUS
    2. PETA
    3. ALF
    4. ASPCA
19. What is the most expensive factor of an animal production facility? 3.4 Finance
    1. Feed
    2. Medication
    3. Repairs
    4. Fuel
20. Which of the following terms describes those animals whose ancestors are of only one

breed? 2.3 Genetics

A none of the these

B inbred

C purebred

D crosbred

1. When balancing animal rations, what is used? 1.1 Nutrition
   1. Pearson’s Square
   2. Smith’s Square
   3. Mixing Rule
   4. Balancing quotient
2. What is the most important category of nutrient for balancing a feed ration? 1.1 Nutrition
   1. Protein
   2. Carbs
   3. Fats
   4. Water
3. What is the main component of the respiratory system? 1.2 Body Systems
   1. Feet
   2. Heart
   3. Lungs
   4. Nose
4. What system does the spleen fall under? 1.2 Body Systems
   1. Urinary
   2. Respiratory
   3. Endocrine
   4. Reproductive
5. Describe the difference between a bull and a steer. 1.2 Body Systems
6. What structure in the female forms the Corpus Luteum? 1.2 Body Systems
   1. Ovary
   2. Egg
   3. Uterus
   4. Follicle
7. What does EPD tell you?
   1. Anticipated traits of offspring
   2. Animal’s heartbeat
   3. How long the animal will live
   4. What the animal prefers to eat