Animal Science Review

1. Hardware disease in cattle is caused by?

**Animal Swallowing Metal Objects**

1. When placing the spermatozoa into the female reproductive tract by means other than natural breeding is called?

**Artificial Insemination**

1. What are the current quality grades in cattle carcasses listed from highest to lowest?

**Prime, Choice, Good, Standard, Utility**

1. In embryo transfer what is the proper term for stimulating the donor cow so that she produces more than on ova or egg?

**Superovulation**

1. Inflammation of the mammary glands on udders is called?

**Mastitis**

1. The period of time from conception to birth is called?

**Gestation**

1. List the four compartments of the ruminant stomach?

**Rumen, Reticulum, Omason, Abomason.**

1. The vertebra is part of what system?

**Skeletal**

1. When establishing a record of anticipated income and expenses you care creating a?

**Budget**

1. What is the process of moving of embryos from a donor to the reproductive tract of a recipient?

**Embryo Transfer**

1. The animal system that is responsible for movement is?

**Muscle and also Skeletal**

1. The term to describe the well being of animals is?

**Animal Welfare**

1. The diaphragm is a part of which system?

**Respiratory System**

1. Please list five signs of healthy Livestock and five signs unhealthy livestock

**Healthy Un - Healthy**

Bright Eyes Dull Eyes

Clean Shiny Hair Rough Hair

1. What is Deoxyribonucleic Acid?

**DNA**

1. List four common reasons Artificial Insemination fails.

**Improper Thawing of Semen**

**Heat Detection**

**Improper Insemination Technique**

1. Where on the pig/pork carcass does bacon come from?

**The Side**

1. Please list where you would find the following parts on the animals?

Hock – **Mid way on the Back Legs**

Knee – **Front Legs**

Poll – **Top of the head between the ears**

Muzzle – **Nose and Mouth**

1. The amount of lean meat compared to the total carcass weight is called?

**Yield**

1. The process used in to destroys harmful bacteria and other tiny organisms in milk is?

**Pasteurization**

1. The term that describes the amount of feed an animal consumes in a 24 hour period?

**Ration**

1. When performing artificial insemination, what is collected from the male animal in order to make it successful?

**Semen**

1. List three nutrients that could provide energy storage?

**Fats**

1. List four Roughages and four Concentrates that are used four Livestock Feeds

**Roughages Concentrates**

**Alfalfa Corn**

**Grass Sorghum Grain**

**Pasture Oats**

**Silages Barley**

1. What list three types of animals that have the greatest nutritional need?(example pregnant cow)

**Lactating Dairy Cow**

**Pregnant Mare**

**Lactating Beef Cow**

1. The muzzle on a beef and sheep are found where on animal?

**Nose and Mouth**

1. Which term describes a regular, reoccurring cycle in the female animal the regulates the production of ova, or egg cells.

**Estrus**

1. Draw and Label the digestive system of the pig.
2. Chromosomes contain the hereditary traits of organisms what is another name of hereditary traits?

**Genes**

1. List four feed and or feed supplement that produce the most protein in an animal feed ration?

**Corn**

**Soybean Meal**

**Cotton Seed Meal**

**Blood Meal**

1. If you wanted to assure good health in animals, what career choice would you make?

**Veterinarian**

1. A list of assets currently on hand in an office, farms or ranch would be the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ list?

**Inventory**

1. In embryo transfer, how do they collect the embryos for the donor?

**Flushing**

1. Organisms living in or on another animals is called

**Parasites**

1. List six major nutrient categories.

**Carbohydrates**

**Protein**

**Fat**

**Vitamins**

**Minerals**

**Water**

1. Where is the esophagus located and what system is it a part of?

**Digestive, usually in the throat**

1. People who eat, wear, and otherwise use goods produced by the animal industry are called?

**Consumers**

1. The production of milk is called?

**Lactation**

1. The process of using animals for work, removing from their natural environment and controlling the animals for human benefit is called?

**Domestication**

1. First year members are called \_\_**Greenhands**\_\_**Degree**\_\_\_\_\_\_\_\_\_\_\_\_, Second year FFA members are called \_\_**Chapter FFA Degree**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, third year FFA members are called \_\_\_\_\_**State FFA Degree**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, fourth year FFA members are called \_\_**American FFA Degree**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which is the highest FFA Degree. How do students demonstrate skills.
2. List two diseases that humans may acquire from animals.

**Zoonosis**

**Blastomycosis**

1. List two indicators of meat quality.

**Marbling and Color**

1. A condition that impairs normal body functions is called a?

**Disease/Virus**

1. A collection of animals with the same genetic characteristics is called a?

**Breed**

1. When DNA is duplicated it’s called?

**Replication**

1. List five breeds of swine and their different characteristics?

**Duroc, Hampshire, Yorkshire, Hereford, Polland China**

1. What is the name of the meat called that is produced by the following animals.

Swine  **Pork**

Sheep **Lamb/Mutton**

Cows  **Beef**

Goats **Chevon**

1. When a feed is agreeable because of flavor it is refer to as \_\_\_**Palatable** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
2. List the reproductive organs for both females cows and male

**Female Male**

**Ovaries Testes**

**Fallopian Tubes Seminal Vesicles**

**Uterine Horns Epididymis**

**Uterus Sheath**

**Vagina Penis**

**Cervix Sigmoid Flexor**

**Vulva**

1. The color black, in black animals is what type of genetic trait?

**Dominant**

1. Keeping animal living areas clean is referred to as?

**Sanitation**

1. Describe the following.

Herbivore – **Eats Plants Only**

Carnivore **- Eats Meat Only**

Omnivore  **- Eats Plants and Meat**

1. Genetically superior animals are referred to as?

**Purebred or Full-bloods**

1. What are the scientific names Sheep, horse, cattle, swine

**Horse – Equus Caballus Linnaues or just Equus**

**Swine – Sus**

**Cattle – Bos Taurus also Bovine**

**Sheep – Ovis aries or just Ovis**