1. Which of the following is a type of white blood cell?
   1. Thrombocytes
   2. Macrophages
   3. Erythrocytes
   4. Platelets
2. Which of the following causes the ovarian follicle to grow in size?
   1. Estrogen
   2. Corpus Luteum
   3. Luteinizing Hormone
   4. Follicle Stimulation Hormone
3. \_\_\_\_\_\_\_\_\_\_\_\_ is a reproductive disease of mammals, spread through vaginal discharge, causing increased abortions and infertility.
   1. Bang’s
   2. Bordetellosis
   3. Demodicosis
   4. Johne’s
4. Which of the following can be used to evaluate depth of anesthesia when monitoring an anesthetized patient?
   1. Palpebral Reflex
   2. Body Temperature
   3. Intraocular Pressure
   4. Diastolic Blood Pressure
5. Which of the following is **NOT** true?
   1. The two types of anesthetic breathing systems are the “breathing system” and the “rebreathing system”.
   2. A rebreathing system allows the patient to rebreath anesthetic gas after it has passed through the CO2 absorbing canister.
   3. A non-rebreathing system is generally used for small patients.
   4. The Bain system is a type of non-rebreathing anesthetic system.
6. All of the following are common forms of vaccination in poultry **EXCEPT**?
   1. Aerosol
   2. In Ovo (in vivo)
   3. Wing web
   4. De-beaking
7. Which of the following is a disease process most common in long-backed dogs, such as Dachshunds and Basset Hounds?
   1. Hypertrophic Cardiomyopathy (HCM)
   2. Intervertebral Disc Disease (IVD)
   3. Otitis Externa (OE)
   4. Tibial Dyschondroplasia (TD)
8. Which of the following bests describes flow of blood through the heart?
   1. R Atrium 🡪 AV Valve 🡪 R Ventricle 🡪 Lungs 🡪 L Atrium 🡪 Mitral Valve 🡪 L ventricle 🡪 Aorticic Valve 🡪 Tissues
   2. R Atrium 🡪 Tricuspid Valve 🡪 Lungs 🡪 R Ventricle 🡪 Pulmonary Vein 🡪 L Atrium 🡪 L Ventricle 🡪 Pulmonary Valve 🡪 Tissues
   3. R Atrium 🡪 Tricuspid Valve 🡪 L Atrium 🡪 Lungs 🡪 R Ventricle – Mitral Valve 🡪 L Ventricle 🡪 Tissues
   4. Vena Cava 🡪 Aorta 🡪 R Atrium 🡪 R Ventricle 🡪 Lungs 🡪 L Atrium 🡪 Tricuspid Valve 🡪 L Ventricle 🡪 Tissues
9. Vasodilation refers to:
   1. An increase in blood vessel size, which results in a decrease in blood pressure.
   2. An increase in blood vessel size, which results in an increase in blood pressure.
   3. A decrease in blood vessel size, which results in a decrease in blood pressure.
   4. A decrease in blood vessel size, which results in an increase in blood pressure.
10. The term “nephritis” refers to:
    1. A fluid-filled swelling on the skin.
    2. Inflammation of the urinary bladder.
    3. Swollen lymph nodes.
    4. Inflammation of the kidneys.
11. Which type of connective tissue connects bones to bones?
    1. Tendons.
    2. Ligaments.
    3. Cartilage.
    4. Fascia.
12. The term “pyometra” refers to:
    1. A puss-filled skin lesion.
    2. Rotting of the hooves.
    3. Infection of the uterus.
    4. Fungal infection of the upper airways.
13. The functional unit of the kidney is the:
    1. Alveolus.
    2. Nephron.
    3. Gleocyte.
    4. Hepatocyte.
14. Strongyles:
    1. Are common parasites of horses.
    2. Is a common bacterial respiratory infection of horses.
    3. Are the immature form of canine heartworms.
    4. Cause a chronic cough in dogs.
15. Which of the following sets of TPR values would be considered normal for an adult canine?
    1. 98.5F, 210, 18
    2. 102.4F, 98, 20
    3. 101.2F, 112, 22
    4. 100.9F, 118, 60
16. Dyspnea refers to:
    1. Difficulty swallowing.
    2. Increased respiratory rate.
    3. Difficulty breathing.
    4. Difficulty urinating.
17. Polyuria may be a clinical sign associated with of all of the following, **EXCEPT**:
    1. Diabetes Mellitus.
    2. Hyperadrenocorticism.
    3. Urinary Tract Infection.
    4. Dilated Cardiomyopathy.
18. Veterinary medical records should:
    1. Include all aspects of the patient’s history and treatment.
    2. Be computerized, since hand-written records are no longer considered official.
    3. Only include diagnostic tests performed within the previous one year period.
    4. All of the above.
19. A Coggins test checks for which of the following?
    1. Equine Herpes Virus.
    2. Equine Viral Arthritis.
    3. Eastern Equine Encephalomyelitis.
    4. Equine Infectious Anemia.
20. Any variation from normal sinus rhythm may be referred to as:
    1. Syncope.
    2. Arrhythmia.
    3. Tachycardia.
    4. Abnormal Breathing.
21. Anisicoria refers to:
    1. Increased amount of cytoplasm in a cell.
    2. Vasoconstriction.
    3. Uneven pupil size.
    4. Presence of blood in the urine.
22. Onychectomy is the technical term for which procedure?
    1. Neuter.
    2. Spay.
    3. Ear Crop.
    4. Declaw.
23. Which term refers to the movement of a limb away from the body?
    1. Extension.
    2. Abduction.
    3. Adduction.
    4. Flexion.
24. A veterinary prescription must contain all of the following, **EXCEPT**:
    1. Name and address of the prescribing veterinarian.
    2. Number of refills.
    3. Client and patient names.
    4. Specific pharmacy where the prescription may be filled.
25. When taking radiographs, the use of the ALARA method:
    1. Increases the quality of digital radiographs.
    2. Decreases exposure to radiation.
    3. Refers to the type of screen and cassettes used during the procedure.
    4. May be used instead of wearing lead aprons.