**Course**: Veterinary Science

**Test Name**: 2024 Louisiana FFA Area 3 Veterinary Science CDE Written Exam

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**1:** All of the following are examples of zoonotic diseases except:

**A \_\_\_\_** cutaneous larva migrans

**B \_\_\_\_** toxoplasmosis

**C \_\_\_\_** Mad cow disease

**D \_\_\_\_** Johne's disease

**2:** Which animal has the fastest heart rate?

**A \_\_\_\_** Cat

**B \_\_\_\_** Goat

**C \_\_\_\_** Hamster

**D \_\_\_\_** Sheep

**3:** Which species typically has 2 mammary glands?

**A \_\_\_\_** Ovine

**B \_\_\_\_** Bovine

**C \_\_\_\_** Porcine

**D \_\_\_\_** Canine

**4:** Which form of yeast is most commonly found in patients with ear infections?

**A \_\_\_\_** *Malassezia pachydermatis*

**B \_\_\_\_** *Candida albicans*

**C \_\_\_\_** *Coccidioides immitis*

**D \_\_\_\_** *Cryptococcus neoformans*

**5:** What is another name for milk fever?

**A \_\_\_\_** Hyperkalemia

**B \_\_\_\_** Hypercalcemia

**C \_\_\_\_** Hypokalemia

**D \_\_\_\_** Hypocalcemia

**6:** What would be given to help kill roundworms in a puppy?

**A \_\_\_\_** Anthelmintic

**B \_\_\_\_** Antiemetic

**C \_\_\_\_** Antipruritic

**D \_\_\_\_** Antiseptic

**7:** The most important disease is hamster enteritis, also referred to as

**A \_\_\_\_** snuffles

**B \_\_\_\_** parvo

**C \_\_\_\_** scours

**D \_\_\_\_** wet tail

**8:** Which species is used for hunting rodents and rabbits?

**A \_\_\_\_** Guinea pig

**B \_\_\_\_** Hamster

**C \_\_\_\_** Ferret

**D \_\_\_\_** Gerbil

**9:** What is one reason why large breed puppies should eat large breed puppy food?

**A \_\_\_\_** It has a higher calcium level to reduce the risk of bone deformities.

**B \_\_\_\_** The kibble is larger which decreases the choking hazard.

**C \_\_\_\_** It is more energy dense to support rapid growth.

**D \_\_\_\_** Large breed puppies require a different set of nutrients than small breed puppies.

**10:** All of the following are included in the anatomy of a dog's toenail except

**A \_\_\_\_** Nailbed

**B \_\_\_\_** Quick

**C \_\_\_\_** Keratin

**D \_\_\_\_** Epidermis

**11:** A Coggins test is commonly used to detect which of the following, in horses?

**A \_\_\_\_** Equine Herpesvirus

**B \_\_\_\_** Strangles

**C \_\_\_\_** Equine Infectious Anemia

**D \_\_\_\_** Colic

**12:** Which type of injection is used to desensitize the skin with a local anesthetic or perform allergy skin testing

**A \_\_\_\_** Intradermal

**B \_\_\_\_** Subcutaneous

**C \_\_\_\_** Transdermal

**D \_\_\_\_** Intravenous

**13:** Which organ absorbs the majority of nutrients from ingested food?

**A \_\_\_\_** Large intestine

**B \_\_\_\_** Stomach

**C \_\_\_\_** Esophagus

**D \_\_\_\_** Small intestine

**14:** Which species is nocturnal?

**A \_\_\_\_** Rabbits

**B \_\_\_\_** Hamsters

**C \_\_\_\_** Gerbils

**D \_\_\_\_** Ferrets

**15:** Veterinary Client Patient Relationship satisfies all the following criteria except:

**A \_\_\_\_** The veterinarian has assumed responsibility of the patient regarding the health and veterinary treatment

**B \_\_\_\_** The veterinarian is available for consultation

**C \_\_\_\_** The veterinarian maintains medical records of the animals' treatments

**D \_\_\_\_** The veterinarian assumes responsibility of the patient's medical bills

**16:** Rickettsial diseases are transmitted by which parasite?

**A \_\_\_\_** Roundworms

**B \_\_\_\_** Flies

**C \_\_\_\_** Mosquitoes

**D \_\_\_\_** Ticks

**17:** Elevated intraocular pressure causes what disorder?

**A \_\_\_\_** Glaucoma

**B \_\_\_\_** Entropion

**C \_\_\_\_** Blepharitis

**D \_\_\_\_** Corneal ulceration

**18:** Which example provides passive immunity?

**A \_\_\_\_** Colostrum

**B \_\_\_\_** Killed Rabies vaccine

**C \_\_\_\_** Modified live vaccine

**D \_\_\_\_** Recovering from an illness

**19:** A producer calls you because his cow is in labor and he can see "the bag of waters." What is he seeing?

**A \_\_\_\_** Umbilical cord

**B \_\_\_\_** Chorion

**C \_\_\_\_** Amniotic sac

**D \_\_\_\_** Caruncles

**20:** All of the following are true about rabies except:

**A \_\_\_\_** it is caused by a virus

**B \_\_\_\_** is also known as hydrophobia

**C \_\_\_\_** only occurs in mammals

**D \_\_\_\_** can be treated with antibiotics

**21:** Which diagnostic test is used to determine the presence of mange mites?

**A \_\_\_\_** Skin scraping

**B \_\_\_\_** Fluorescien dye

**C \_\_\_\_** Excisional biopsy

**D \_\_\_\_** Intradermal skin testing

**22:** Lateral recumbency is a form of

**A \_\_\_\_** Chemical restraint

**B \_\_\_\_** Vocal restraint

**C \_\_\_\_** Physical restraint

**D \_\_\_\_** Not a real form of restraint

**23:** Alternative veterinary therapies include all the following except

**A \_\_\_\_** Physical therapy

**B \_\_\_\_** Acupuncture

**C \_\_\_\_** Antibiotics

**D \_\_\_\_** Nutraceuticals

**24:** Which breed of cat has a complete lack of tail due to breed characteristics/standards?

**A \_\_\_\_** Manx

**B \_\_\_\_** Ocicat

**C \_\_\_\_** Bombay

**D \_\_\_\_** Abyssinian

**25:** Indicator strips/tape on/in a surgical pack are activated when

**A \_\_\_\_** Proper temperature has been reached

**B \_\_\_\_** Proper pressure has been reached

**C \_\_\_\_** Proper time has been reached

**D \_\_\_\_** All of the above

**26:** Which antibody does the body make in response to invading germs and is the only one that can cross the placenta?

**A \_\_\_\_** IgA

**B \_\_\_\_** IgE

**C \_\_\_\_** IgG

**D \_\_\_\_** IgM

**27:** Which treatment would not be considered when first managing feline hyperthyroidism?

**A \_\_\_\_** Thyroid supplementation

**B \_\_\_\_** Radioactive iodine

**C \_\_\_\_** Surgical excision

**D \_\_\_\_** Thyroxine blocker

**28:** Removing the sharp edges of a horse's teeth is called

**A \_\_\_\_** filing

**B \_\_\_\_** trimming

**C \_\_\_\_** floating

**D \_\_\_\_** curetting

**29:** \_\_\_\_\_\_\_\_\_\_, also referred to as feline infectious enteritis or cat distemper, is caused by a parvovirus or DNA virus.

**A \_\_\_\_** Panleukopenia

**B \_\_\_\_** Rhinotracheitis

**C \_\_\_\_** Calicivirus

**D \_\_\_\_** Pneumonitis

**30:** Which of the following is considered a core vaccine for feline patients?

**A \_\_\_\_** Feline panleukopenia

**B \_\_\_\_** Feline leukemia virus

**C \_\_\_\_** Feline immunodeficiency virus

**D \_\_\_\_** Bordetella bronchiseptica

**31:** Abnormal respiratory sounds include all the following except

**A \_\_\_\_** wheezes

**B \_\_\_\_** gurgling

**C \_\_\_\_** crackles

**D \_\_\_\_** murmurs

**32:** All the following are examples of zoonotic diseases except:

**A \_\_\_\_** Rabies

**B \_\_\_\_** Ringworm

**C \_\_\_\_** Foot-and-mouth disease

**D \_\_\_\_** Psittacosis

**33:** Protein, fats, and are nutrients that supply energy.

**A \_\_\_\_** water

**B \_\_\_\_** carbohydrates

**C \_\_\_\_** fiber

**D \_\_\_\_** vitamins

**34:** The type of roughage feed produced by fermenting chopped plant parts is

**A \_\_\_\_** Concentrate

**B \_\_\_\_** Sweet feed

**C \_\_\_\_** Silage

**D \_\_\_\_** Hay

**35:** PPE such as lead aprons, gloves, and thyroid shields are required when taking radiographs (aka x-rays) to protect the veterinary staff from

**A \_\_\_\_** Heel effect

**B \_\_\_\_** Anode

**C \_\_\_\_** Cathode

**D \_\_\_\_** Scatter radiation

**36:** The horse is a monogastric animal that can still digest grass. What organ makes this possible?

**A \_\_\_\_** Stomach

**B \_\_\_\_** Salivary gland

**C \_\_\_\_** Small intestine

**D \_\_\_\_** Cecum

**37:** Which species communicates by standing upright and pounding their rear feet?

**A \_\_\_\_** Hamsters

**B \_\_\_\_** Guinea pigs

**C \_\_\_\_** Gerbils

**D \_\_\_\_** Ferrets

**38:** Enteritis is probably the most common cause of death in rabbits. What part of the body is inflamed with this group of diseases?

**A \_\_\_\_** Upper respiratory tract

**B \_\_\_\_** Urinary tract

**C \_\_\_\_** Intestinal tract

**D \_\_\_\_** Reproductive tract

**39:** Fever or increase in body temperature can also be referred to all the following except:

**A \_\_\_\_** Febrile

**B \_\_\_\_** Pyrexia

**C \_\_\_\_** Hypothermia

**D \_\_\_\_** Hyperthermia

**40:** Cats are at risk of developing hepatic lipidosis after a prolonged period of what?

**A \_\_\_\_** Excess drinking

**B \_\_\_\_** Restricted exercise

**C \_\_\_\_** Antibiotic use

**D \_\_\_\_** Anorexia

**41:** Which is not typically seen with early diabetes mellitus?

**A \_\_\_\_** Excessive thirst

**B \_\_\_\_** Weight gain

**C \_\_\_\_** Increased urination

**D \_\_\_\_** Increased appetite

**42:** Bacteria present in four shapes. Which of the following is rod shaped?

**A \_\_\_\_** Staphylocci

**B \_\_\_\_** Streptococci

**C \_\_\_\_** Bacilli

**D \_\_\_\_** Spirochetes

**43:** Which organ is not involved in breaking down fats?

**A \_\_\_\_** Pancreas

**B \_\_\_\_** Liver

**C \_\_\_\_** Gallbladder

**D \_\_\_\_** Large intestine

**44:** On an ultrasound, the areas that appear dark relative to surrounding areas are said to be:

**A \_\_\_\_** Hypoechoic

**B \_\_\_\_** Isoechoic

**C \_\_\_\_** Hyperechoic

**D \_\_\_\_** Subechoic

**45:** Which infectious disease do mosquitoes transmit to horses?

**A \_\_\_\_** West Nile virus

**B \_\_\_\_** Potomac horse fever

**C \_\_\_\_** Strangles

**D \_\_\_\_** Equine protozoal myelitis

**46:** Copper toxicity most affects what organ?

**A \_\_\_\_** Kidney

**B \_\_\_\_** Liver

**C \_\_\_\_** Intestines

**D \_\_\_\_** Uterus

**47:** Tachycardia describes a heart rate.

**A \_\_\_\_** fast

**B \_\_\_\_** normal

**C \_\_\_\_** slow

**D \_\_\_\_** non existent

**48:** What is the process of bringing up food material from the stomach to the mouth for further chewing?

**A \_\_\_\_** Mastication

**B \_\_\_\_** Rumination

**C \_\_\_\_** Defecation

**D \_\_\_\_** Eructation

**49:** The peripheral nervous system consists of the sensory somatic system and

**A \_\_\_\_** Plexus system

**B \_\_\_\_** Accessory system

**C \_\_\_\_** Automatic system

**D \_\_\_\_** Autonomic system

**50:** Larger than normal red blood cells are described as being

**A \_\_\_\_** Hyperchromic

**B \_\_\_\_** Hypochromic

**C \_\_\_\_** Microcytic

**D \_\_\_\_** Macrocytic