**Test Bank for the Specialty Animal contest**

**Behavior**

1. **When trying to remove a frightened cat from a kennel, which body postures are you least likely to see?**
2. **Tail carried upright C) Ears flattened against head**
3. **Pupils dilated D) Crouched position**

**Answer: A**

**2) Castration of a male dog will help to eliminate which type of aggressive behavior?**

1. **Territorial aggression C) Predatory aggression**
2. **Fear-induced aggression D) Redirected aggression**

**Answer: A**

**3) The most commonly encountered type of attack in veterinary facilities is:**

1. **Canine dominance-aggression biting C) Female rabbit territorial-aggression biting**
2. **Equine dominance-aggression biting D) Canine fear biting**

**Answer: D**

**4) Which species is most likely to seek out a hiding place if it escapes its enclosure?**

1. **Bird C) Horse**
2. **Dog D) Cat**

**Answer: D**

**5) Horses display aggression by:**

1. **Biting C) Nickering**
2. **Head butting D) Snorting**

**Answer: A**

**6) Which type of aggression rarely poses a risk to veterinary hospital personnel during their workday?**

1. **Pain-induced aggression C) Territorial aggression**
2. **Predatory aggression D) Dominance aggression**

**Answer: B**

**7) The process by which an animal develops appropriate social behaviors toward members of its own and other species is called:**

**A) Sensitization C) Integration**

**B) Socialization D) Anthropomorphism**

**Answer: B**

**8) An animal that growls or hisses, bares teeth, air-snaps, and/or lunges is exhibiting\_\_\_\_\_\_ behavior.**

**A) Dominant C) Threating**

**B) Submissive D) Aggressive**

**Answer: C**

**9) Most cats prefer to be petted:**

**A) On the head**

**B) On their scent glands located on their cheeks and in front of their ears**

**C) On the belly**

**D) On the back**

**Answer: B**

**10) Reinforcement or punishment of emotionally induced behavior is referred to as\_\_\_\_\_\_\_\_ conditioning.**

**A) Positive C) Operant**

**B) Negative D) Counter**

**Answer: C**

**11) The study of animal behavior is called:**

**A) Homotoxicology C) Mircobiology**

**B) Ethology D) Physiology**

**Answer: B**

**12) Agonistic behavior deals with**

**A) Conflict C) Fear-induced**

**B) Territorial D) Dominance**

**Answer: A**

**13) Predatory aggression deals with**

**A) Intermale conflict C) Pain-induced**

**B) Suckling female D) Chasing and killing prey**

**Answer: D**

**14) Following a seizure which sign is Not a common behavior for an animal:**

**A) Animal appears blind C) Animal is disoriented**

**B) Animal cannot control bowels D) Elevated body temperature**

**Answer: B**

**Restraining Animals**

1. **A good rule to follow when restraining animals for veterinary care is:**
2. **Apply the maximum amount of restraint possible to ensure the safety of all involved.**
3. **Apply the minimum effective amount of restraint that will keep the animal and personnel safe.**
4. **Always supply the same amount of restraint: that which is usually tolerated by a member of species being handled.**
5. **Never use ropes when restraining animals**

**Answer: B**

1. **The most dangerous animal of all the species that veterinary personnel are asked to restrain is the:**
2. **Dairy Bull C) Thoroughbred stallion**
3. **Adult male Rottweiler D) Adult female python**

**Answer: A**

1. **The best way to approach a horse is:**
2. **Quickly and directly from the front C) Quickly and from the front and the left side**
3. **Slowly and directly from the front D) Slowly and from the front and the left side**

**Answer D**

1. **The position of a chain lead attached to a halter that will control most horses without being too serve is:**
2. **Over the poll C) Over the nose**
3. **Under the jaw D) Under the upper lip against the gums**

**Answer: C**

1. **The first step to take when attempting to handle a large, aggressive dog is:**
2. **Put on heavy leather gloves and grab the scruff of the neck**
3. **Place a muzzle**
4. **Catch the dog by the neck using a snare or a lead rope with a slip knot**
5. **Throw a towel over the dog’s head**

**Answer: C**

1. **If a dog is too large for you to lift onto the examination table by yourself, you should:**
2. **Lift him like you would a medium-sized dog**
3. **Get help so two of you can lift him**
4. **Try to get him to jump up on the table**
5. **Lift his front quarters onto the table then lift hindquarters to meet his front quarter**

**Answer B**

1. **You are restraining a Basenji dog for cephalic venipuncture. When the person performing the injection has placed the needle and is ready to inject the drug, he says to you, “Okay”. He is most likely asking you to:**
2. **Let go of the dog’s foreleg**
3. **Lift the thumb that is occluding the vein**
4. **Talk softly to the dog**
5. **Gently push down on the dog to encourage him to lie down**

**Answer: B**

1. **One of the most effective ways to capture and restrain an agitated cat is:**
2. **Gently grasp both front legs**
3. **Place one hand over its back and one hand under its belly**
4. **Grasp the scruff of the neck**
5. **Talk softly to the cat**

**Answer: C**

1. **Which of these is not a sign of warning from a cat?**
2. **Hissing C) Swiping at you with a paw**
3. **Ears lowered D) Looking the other way**

**Answer: D**

1. **As a restraint tool, a towel is used to**
2. **Wrap up an angry cat C) Let the cat hide under**
3. **Let the cat curl up and go to sleep D) Protect you from bites and scratches**

**Answer: A**

**Tools:**

1. **Type of scissors with long handles used for cutting delicate tissue are**
2. **Littauer C) Mayo**
3. **Metzenbaum D) Lister**

**Answer: B**

1. **Forceps that are 20cm (9inches) with longitudinal grooves are:**
2. **Rochester-Pean C) Rochester- Carmalt**
3. **Kelly D) Crile**

**Answer: C**

1. **A needle holder combined with a scissor is called**
2. **Mathieu C) Mayo-Hegar**
3. **Rochester-Pean D) Olsen-Hegar**

**Answer: D**

1. **Self-retaining tissue forceps with multiple fine intermeshing teeth at the tips are called:**
2. **Allis C) Babcock**
3. **Adson D) Brown-Adson**

**Answer: A**

1. **When opening a double-wrapped gown pack, nonscrubbed surgical personnel may touch the**
2. **Autoclave tape C) Towel**
3. **Indicator D) Gown**

**Answer: A**

1. **Which of the following does not describe a type of surgical scissor?**
2. **Mayo C) Iris**
3. **Metzenbaum D) Lembert**

**Answer: D**

1. **Which of the following forceps should not be used to hold edges of the incision open?**
2. **Rat tooth C) Crile**
3. **Brown-Adson D) Allis tissue**

**Answer: C**

1. **Metzenbaum scissor are only used for**
2. **Cutting suture C) Ophthalmic surgery**
3. **Cutting paper drapes D) Cutting tissue**

**Answer: D**

1. **A Snook hook is typically used during**
2. **A castration C) A ovariohysterctomy**
3. **A diaphragmatic hernia repair D) Declawing**

**Answer: C**

1. **Emasculators are used**
2. **In large animal castrations C) During surgical ovariectomies in heifers and mares**
3. **During enucleations in large dogs D) To perform ovariohysterectomy**

**Answer: A**

1. **Which of the following separates the blood?**
2. **Autoclave C) Carmalt**
3. **Centrifuge D) J tube**

**Answer: B**

1. **The rumen magnet is used in which of the following?**
2. **Dog C) Cow**
3. **Horse D) B & C**

**Answer: C**

1. **Which of the following tool is used to control a horse**
2. **Chain twitch C) Humane twitch**
3. **Halter D) All of the above**

**Answer: D**

1. **Which is not used to give shots:**
2. **Bulb syringe C) Leur lock syringe**
3. **Slip tip syringe D) Automatic syringe**

**Answer: A**

1. **Which statement is true regarding the use of a trocar:**
2. **Trocar is driven through the abdomen into the abomasum of a cow’s stomach**
3. **Trocar is a large, sharp probe with a metal sleeve around it and is never plastic**
4. **Once in the Rumen of the animal the probe is removed, leaving the metal sleeve in to drain gas**
5. **None of the above are true statements**

**ANSWER: C**

1. **Which of the following is not a common method of pill administration for a dog or cat?**
2. **Pill Push Method C) Food Method**
3. **Pill Crushed Method D) All are recognized methods of pill administration**

**ANSWER: D**

1. **To deliver a copper bolus to an animal, which of the following would be used?**
2. **Stomach pump C) Balling Gun**
3. **Dosing syringe D) Bulb syringe**

**ANSWER: C**

1. **When spaying a cat, which instrument would not be used?**
2. **Scalpel handle C) Needle holder**
3. **Standard splint D) Scalpel blade**

**ANSWER: B**

1. **Which instrument is best for determining if a canine has a scratched cornea?**
2. **Opthalmoscope C) Otoscope**
3. **Stethoscope D) Trocar**

**Answer: A**

1. **Which tool simultaneously severs the spermatic cord and clamps in order to prevent hemorrhage?**
2. **Elastrator B) Adson tissue forceps**
3. **Babcock tissue forceps D) Emasculator**

**ANSWER: D**

1. **The following tool aids in the illumination and magnification of the ear:**
2. **Endoscope C) Opthalmoscope**
3. **Stethoscope D) Otoscope**

**ANSWER: D**

1. **Which dehorner cauterizes as it removes the horn?**
2. **Barnes C) Electric**
3. **Tube D) Allis**

**ANSWER: C**

1. **Which of the following forceps where only the top jaw moves:**
2. **Alligator C) Crile**
3. **Kelly D) Brown-Adson**

**ANSWER: A**

1. **Which syringe is most efficient for vaccinating large jobs because of its ability to be adjusted and set to doses the same amount each time?**
2. **Bulb C) Drench**
3. **Automatic D) Paste gun**

**ANSWER: B**

1. **Which is not a type of brush?**
2. **Dandy C) Slicker**
3. **Scotch D) Pin**

**ANSWER: B**

1. **Which is not a form of restraint or control of an animal?**
2. **Elizabethan collar C) Cat bag**
3. **Muzzle D) Cannula**

**ANSWER: D**

1. **Which of the following is used to permanently ID animals?**
2. **Identification Tag applicator C) Tattooing Instruments**
3. **Ear tag pliers D) None of the above**

**ANSWER: C**

1. **Which is used to cover the animal except the area that is surgically worked on:**
2. **Surgical gown C) Surgical tray**
3. **Surgical masks D) Surgical drapes**

**ANSWER: D**

1. **Which is not an instrument that is used on a horse:**
2. **Dental float C) Fingertip toothbrush**
3. **Chain Twitch D) Gag mouth speculum**

**ANSWER: C**

1. **Which is not a tool that removes dead hair?**
2. **Flea comb C) Shedding blade**
3. **Curry comb D) Scotch comb**

**ANSWER: A**

1. **The tool best used to pull Foxtails out of a dogs ear:**
2. **Rat tooth Forceps C) Adson Tissue Forceps**
3. **Allis Tissue Forceps D) Alligator Forceps**

**ANSWER: D**

1. **The temperature that must be reached in an autoclave to destroy microorganisms is**
2. **110 degree C C) 170 degree C**
3. **121 degree C D) 240 degree C**

**ANSWER: B**

1. **The instrument specifically used for collecting a fecal sample directly from the animal’s**

**rectum is a**

1. **Fecal extractor C) Fecal Spoon**
2. **Fecalyzers D) Fecal loop**

**ANSWER: D**

1. **What does a change in color in autoclave tape indicate to a surgical nurse?**
2. **The surgical instruments in the pack have been adequate sterilized**
3. **During the autoclaving process, steam has reached the tape**
4. **Adequate temperature and pressures have been achieved**
5. **The pack has been exposed to adequate pressures**

**ANSWER: B**

1. **What type of scissors is best for removing suture material?**
2. **Bandage C) Mayo dissecting**
3. **Littauer D) Lister bandage**

**ANSWER: B**

1. **What is the tool that is not used to trim the hoofs of an animal?**
2. **Hoof trimmer C) Hoof rasp**
3. **Hoof nippers D) Hoof knife**

**ANSWER: C**

1. **The Stethoscope is used to listen to the digestive organs?**
2. **True B) False**

**ANSWER: A**

1. **The endotracheal tubes are used to open the air way of an animal?**
2. **True B) False**

**ANSWER: A**

1. **Which tool can be used to control arterial bleeding?**
2. **Kelly forceps C) Gavage needle**
3. **Suture materials D) Tourniquet**

**ANSWER: D**

1. **Radiology P.P.E’s are used when using the Autoclave?**
2. **True B) False**

**ANSWER: B**

1. **The weight tape is used to figure the carcass weight of an animal?**
2. **True B) False**

**ANSWER: B**

1. **Obstetrical chain and handle helps in assisting in the birthing process?**
2. **True B) False**

**ANSWER: B**

1. **Which of the following cannot be used to help the handler not to get bite?**
2. **Basket Muzzle C) Commerical muzzle**
3. **Elizabethan collar D) Cat bag**

**ANSWER: D**

1. **A cat bag completely encloses the body of the cat.**
2. **True B) False**

**ANSWER: A**

1. **The Dental floats are used to file down the teeth of a horse.**
2. **True B) False**

**ANSWER: A**

1. **Which tool would you used to remove plaque from the teeth.**
2. **Dental scaler C) Dental floats**
3. **Dental retractor D) Dental radiography**

**ANSWER: A**

1. **This Gag mouth speculum would be used to open the mouth to work on the teeth.**
2. **True B) False**

**ANSWER: A**

1. **This machine is used to deliver inhalant anesthetics and oxygen.**
2. **Autoclave C) Centrifuge**
3. **Gravity feeder/ J tube D) Anesthetic machine**

**ANSWER: D**

1. **This tool is used to attach drapes to the patient.**
2. **Backhaus towel clamp C) Halstead mosquito hemostatic**
3. **Kelly forceps D) Tourniquet**

**ANSWER: A**

1. **This tool is used to help place an endotracheal tube.**
2. **Gag mouth speculum C) Ambubag**
3. **Laryngoscope D) Cannula**

**ANSWER: B**

1. **This tool provides an artificial ventilation**
2. **Autoclave C) Ambubag**
3. **Cat bag D) Laryngoscope**

**ANSWER: C**

**Anatomy and Physiology**

1. **What system is anatomically composed of the brain and Spinal cord?**
2. **Central nervous system C) Parasympathetic nervous system**
3. **Peripheral nervous system D) Sympathetic nervous system**

**Answer: A**

1. **The hormone produced by a developing ovarian follicle is**
2. **Estrogen C) Progesterone**
3. **Prolactin D) Oxytocin**

**Answer: A**

1. **Where are striated muscles located?**
2. **Stomach wall and the uterus**
3. **Urinary bladder and intestine**
4. **Ciliary body of the eye**
5. **Heart and skeletal muscle**

**Answer: D**

1. **The SA node is located in the wall of which chamber?**
2. **Left atrium C) Right atrium**
3. **Left ventricle D) Right ventricle**

**Answer: C**

1. **Smooth muscles can be found in the**
2. **Heart C) Stomach and reproductive tract**
3. **Pelvic limb D) Diaphragm**

**Answer: C**

1. **Giving birth is known as**
2. **Estrous C) Lactation**
3. **Parturition D) Gestation**

**Answer: B**

1. **A capillary refill time of 2 seconds would suggest**
2. **Shock C) A healthy animal**
3. **Anemia D) Dehydration**

**Answer: C**

1. **In the avian species the ventral wall of the esophagus is greatly expanded to form the**
2. **Proventriculus C) Gizzard**
3. **Crop D) Duodenum**

**Answer: B**

1. **The portion of the cardiac muscle that separates the right and left ventricles is called the**
2. **Sternum C) Coronary sinus**
3. **Septum D) Myometrium**

**Answer: B**

1. **Which of these is not a division of the small intestine?**
2. **Duodenum C) Ileum**
3. **Ilium D) Jejunum**

**Answer: B**

1. **The time period from the beginning of one cycle to the beginning of the next is called the**
2. **Estrus cycle C) Ovulation**
3. **Estrus cycle D) Mating cycle**

**Answer: A**

1. **The first cervical vertebrae, C1, is referred to as the**
2. **Axis C) Atlas**
3. **Arch D) Auricle**

**Answer: C**

1. **The cat has how many cervical vertebrae?**
2. **13 C) 3**
3. **10 D) 7**

**Answer: D**

1. **The breastbone is referred to as the**
2. **Septum C) Sternum**
3. **Hyoid D) Tubercle**

**Answer: C**

1. **The cardiovascular system has four components. Which of the following is not part of the system?**
2. **Lungs C) Heart**
3. **Blood circulation D) Blood vessels**

**Answer: A**

1. **Dogs have how many cervical, thoracic, and lumbar vertebrae?**
2. **7, 13, 6 C) 6, 13, 7**
3. **7, 12, 7 D) 7, 13, 7**

**Answer: D**

1. **Which arteries carry deoxygenated blood?**
2. **Aorta C) Pulmonary arteries**
3. **Coronary arteries D) Vena cava**

**Answer: C**

1. **Which chamber of the heart is surrounded by the largest amount of cardiac muscle?**
2. **Right atrium C) Right ventricle**
3. **Left atrium D) Left ventricle**

**Answer: D**

1. **Bile is produced in the**
2. **Spleen C) Pancreas**
3. **Liver D) Omasum**

**Answer: B**

1. **Which enzyme breaks down carbohydrates in the digestive tract?**
2. **Lipase C) Protease**
3. **Ileus D) Amylase**

**Answer: D**

1. **Where would you expect to find DNA within the cell?**
2. **Within the cell membrane C) Within the ribosomes**
3. **Within the cytoplasm D) Within the nucleus**

**Answer: D**

1. **What is the tissue type responsible for fat storage?**
2. **Adipose tissue C) Connective tissue**
3. **Neural tissue D) Glandular tissue**

**Answer: A**

1. **Which organ is located immediately behind the diaphragm in the carnivore?**
2. **Spleen C) Pancreas**
3. **Liver D) Kidney**

**Answer: B**

1. **The huge comma-shaped section of the large intestine of the horse that occupies much of the right side**

**of the abdomen is the**

1. **Colon C) Rectum**
2. **Ileum D) Cecum**

**Answer: D**

1. **Which of the following lists the sections of the small intestine in order from anterior to posterior?**
2. **Jejunum, ileum, duodenum**
3. **Duodenum, colon, jejunum**
4. **Ileum, duodenum, cecum**
5. **Duodenum, jejunum, ileum**

**Answer: D**

1. **Which animals have a dental pad in place of upper incisors and canines?**
2. **Horse, cow C) Dog, sheep**
3. **Cow, goat D) Cat, horse**

**Answer: B**

1. **The scientific discipline that studies the functions of living things is**
2. **Anatomy C) Physomy**
3. **Systemic anatomy D) Physiology**

**Answer: D**

1. **The canine foreleg is composed of the following bones**
2. **Tibia, radius, ulna C) Humerus, radius, ulna**
3. **Humerus, radius, fibula D) Femur, tibia, fibula**

**Answer: C**

**Laws, Practices and responsibilities dealing with Veterinary medicine**

1. **What does the acronym AVMA stand for?**
2. **American Veterinary Medical Associates**
3. **Associates of Veterinary Medical Associations**
4. **American Veterinary Medical Associations**
5. **Association of Veterinary Medical Americans**

**Answer: C**

1. **The ultimate responsibility for all activities in the veterinary hospital belongs to the:**
2. **Client**
3. **Veterinary**
4. **Veterinary technicians**
5. **Patients**

**Answer: B**

1. **Veterinary technicians can perform which of the following:**
2. **Diagnosing C) Prescribe medicine**
3. **Prognosing D) Surgical assisting**

**Answer: D**

**Vital and Gestation Statistics**

1. **Which is the body temperature of a goat?**
2. **101 – 102.5 C) 100-105**
3. **100.9 – 105.3 D) 100.5 – 105.9**

**Answer: B**

1. **What is the gestation period for a goat?**
2. **114 days C) 150 days**
3. **64-65 days D) 58-70 days**

**ANSWER: C**

1. **What is the respiration rate of a goat?**
2. **10-30 Breathes Per Minutes C) 20-30 BPM**
3. **35-65 BPM D) 10-20 BPM**

**ANSWER: A**

1. **Which Heart rate is for a goat?**
2. **160-220 beats per minutes C) 80-120 bpm**
3. **250-324 bpm D) 70-95 bpm**

**Answer: D**

1. **What is the body temperature of a dog?**
2. **102-102.5 C) 100-102.5**
3. **101-102.5 D) 101-105**

**Answer: B**

1. **Dogs have a gestation period of**
2. **63-64 days C) 58-62 days**
3. **62-65 days D) 62-63 days**

**Answer: D**

1. **The respiration rate of a dog in breathes per minute is?**
2. **10-30 C) 20-30**
3. **10-40 D) 10-20**

**Answer A**

1. **The heart rate of a dog in beats per minute is?**
2. **80-140 C) 80-120**
3. **80-90 D) 70-95**

**Answer: C**

1. **The body temperature of a cat is?**
2. **102-102.5 C) 101-102**
3. **102-102.2 D) 101-102.2**

**Answer: D**

1. **The gestation period of a cat is?**
2. **63-64 days C) 63-65 days**
3. **62-63 days D) 62-64 days**

**Answer: A**

1. **The cats respiration rate in breathes per minute is?**
2. **10-30 C) 20-30**
3. **10-20 D) 20-40**

**Answer: C**

1. **The heart rate of a cat in beats per minute is?**
2. **80-140 C) 120-160**
3. **160-220 D) 250-350**

**Answer: B**

1. **The body temperature of a rabbit is?**
2. **101-102 C) 101.5-102**
3. **101.5-103 D) 100-103**

**Answer: B**

1. **The gestation period of the rabbit is?**
2. **29-35 days C) 28-35 days**
3. **30 days D) 30-35 days**

**Answer: A**

1. **Respiration rate of the rabbit in breathes per minute is?**
2. **30-60 C) 35-65**
3. **35-60 D) 30-65**

**Answer: C**

1. **The Heart rate of the rabbit in beats per minute is?**
2. **160-220 C) 250-350**
3. **130-320 D) 130-325**

**Answer: D**

1. **The body temperature of the cavies is?**
2. **103 C) 101**
3. **102 D) 104**

**Answer: A**

1. **The gestation period of the cavies is?**
2. **62-63 days C) 58-60 days**
3. **58-70 days D) 62-68 days**

**Answer: B**

1. **The respiration rate in breathes per minute for the cavies is?**
2. **85 C) 83**
3. **82 D) 84**

**Answer: D**

1. **The cavies’ heart rate in beats per minute is?**
2. **130-225 C) 250-350**
3. **250-325 D) 250-300**

**Answer: C**

1. **The rat’s body temperature range is?**
2. **85-101 C) 95-101**
3. **90-101 D) 85-95**

**Answer: C**

1. **The gestation period of the rat is?**
2. **20-23 days C) 23-25 days**
3. **19-21 days D) 21-23 days**

**Answer: D**

1. **The respiration rate in breathes per minute for a rat is?**
2. **80-150 C) 80-160**
3. **85-100 D) 80-140**

**Answer: A**

1. **The rat’s heart rate in beats per minute is**
2. **350-600 C) 320-500**
3. **350-480 D) 320-480**

**Answer: D**

1. **The body temperature of the mice is?**
2. **95-101 C) 95-102**
3. **95-103 D) 101.5-102.5**

**Answer: A**

1. **The gestation period of the mice is?**
2. **21-23 days C) 18-21 days**
3. **19-21 days D) 19-23 days**

**Answer: B**

1. **The respiration rate in breathes per minute of the mice is?**
2. **80-160 C) 80-120**
3. **80-130 D) 80-150**

**Answer: D**

1. **The heart rate of mice in beats per minute is?**
2. **350-500 C) 350-600**
3. **350-400 D) 320-480**

**Answer: C**

1. **The Gestation of a Goat is longer than Dog?**
2. **True B) False**

**ANSWER: A**

1. **The Cat has a higher Respiration rate than the Cavies?**
2. **True B) False**

**ANSWER: B**

1. **The Body Temperature of a Rat and the Mice are the same?**
2. **True B) False**

**ANSWER: A**

1. **The Mice has the fastest Heart rate of all the animals on our list?**
2. **True B) False**

**ANSWER: A**

1. **The Rabbit has less heart beat per minute than the Cat?**
2. **True B) False**

**ANSWER: B**

1. **The Goats heart rate is the slowest of all the animals on our list?**
2. **True B) False**

**ANSWER: A**

1. **The Body Temperature of 101 to 102.5 belongs to:**
2. **Dog C) Goats**
3. **Cat D) Rabbit**

**ANSWER: A**

1. **Which animal on our list has the less gestation period in days?**
2. **Goats C) Rats**
3. **Rabbits D) Mice**

**ANSWER: D**

1. **Which animal has the Respiration of 35-65 breaths per minute?**
2. **Dogs C) Cats**
3. **Rabbits D) Cavies**

**ANSWSER: B**

1. **Which animal has the body temperature of 95-101?**
2. **Rats C) Rabbits**
3. **Cavies D) Dogs**

**ANSWER: A**

1. **Which animal has the gestation period of 62-63 days**
2. **Goats C) Cats**
3. **Dogs D) Cavies**

**ANSWER: B**

1. **Which animal has the respiration rate of 84 breaths per minute?**
2. **Cavies C) Goats**
3. **Rats D) Mice**

**ANSWER: A**

**HEALTH and Math Calculations:**

1. **Which statement is Not true regarding nutritional differences between dogs and cats:**
2. **Cats are true carnivores and dogs are omnivores**
3. **Cats have a higher demand for protein than dogs**
4. **Dogs require higher levels of taurine and arginine than cats in their diet**
5. **A cats requirements for niacin and vitamin A are much higher than a dog**

**ANSWER: C**

1. **Hip dysplasia is a condition in which:**
2. **The ball and socket joint of the hip becomes diseased**
3. **The socket joint is deep not allowing the head of the femur to be held**
4. **The cartilage lining of the acetabulum becomes calcified and thick**
5. **Is not painful and does not impact the dogs ability to walk correctly**

**ANSWER: A**

1. **A comminuted fracture of an animal’s bone is where:**
2. **The bone is broken into two pieces, a clean break**
3. **Several fragments of bone are the result of the break**
4. **One bone punctures through the skin as a result of the break**
5. **None of the above**

**ANSWER: B**

1. **Which is not a sign of heart failure:**
2. **Excessive intolerance C) Fluid accumulation in lungs and abdomen**
3. **Animal develops a cough D) All are signs of heart failure**

**ANSWER: D**

1. **Kennel cough is found in**
2. **Dogs C) Dogs and Cats**
3. **Cats D) All species**

**ANSWER: A**

1. **Which of the following is not a bacterial infection in animals:**
2. **Pneumonia C) Strangles**
3. **Canine Parvovirus D) Anthrax**

**ANSWER: B**

1. **Sargent, a German Shepherd Dog, needs anti-inflammatory medication due to his surgery for 30 days post op. For the first 20 days he will need 2 pills a day, once in the morning and once at night. For the next 10 days he will take one pill a day. How many pills total will he be taking over the 30 days period?**
2. **30 pills C) 50 pills**
3. **40 pills D) 60 pills**

**ANSWER: C**

1. **Ruger, a 10 month old black Labrador, weighs 25 kilograms. Approximately how many pounds does he weigh?**
2. **40 pounds C) 60 pounds**
3. **55 pounds D) 70 pounds**

**ANSWER: B**

1. **A 75lb dog must be dewormed. If the daily doge of the dewormer is 1 teaspoon per 25lb body weight for 3 days, approximately how much should be given each day?**
2. **3 tablespoons C) 1 tablespoon**
3. **5 teaspoons D) 1 teaspoon**

**ANSWER: C ---- 3 teaspoons = 1 tablespoon**

1. **How many tablets would you dispense for a 1-month supply of a drug with a dose**

**Of one and one-half tablets three times daily?**

1. **500 C) 135**
2. **45 D) 90**

**ANSWER: C ---(1.5tablets/dose x 3 doses/day x30 days=135)**

1. **Six 12oz puppies need deworming medication. If the dose is 1 ml/lb**

**How many milliliters do you dispense?**

1. **12 C) 6**
2. **4.5 D) 3**

**ANSWER: B – (120z divided by 160/lb x 1ml/lb x 6 puppies = 4.5 ml)**

1. **Six blood pressure readings are 115, 120, 123, 121, 121 and 112 mm hg.**

**What is the average value?**

1. **123 C) 121**
2. **120 D) 119**

**ANSWER: D – (115+120+123=121+121+112 divided by 6 = 119 mm hg)**

1. **You are taking the heart rate of a cat. If you count 10 beats in 5 seconds,**

**What is the rate in beats per minute?**

1. **50 C) 300**
2. **120 D) 220**

**ANSWER: B – (10 beats/5seconds x 60 sec/min= 120 beats per minute)**

1. **A growth in the skin that is 2 inches in diameter is how many centimeters?**
2. **2.5 C) 20**
3. **30 D) 5**

**ANSWER: D (2.5 cm/in x 2 in = 5 cm)**

1. **A 16oz bottle contains how many milliliters?**
2. **480 C) 40**
3. **240 D) 1.6**

**ANSWER: A (16oz x 30 ml/1oz = 480**

1. **Four hundred pounds is how many kilograms?**
2. **880 C) 600**
3. **182 D) 18**

**ANSWER: B (400lb divided by 2.2lb/kg = 181.8 kg = 182kg)**

1. **In feed that has 20lb of corn, 5lb of beet pulp, 1lb bone meal, and 2lb of whey,**

**approximately what percent is corn?**

1. **98% C) 40%**
2. **28% D) 71%**

**ANSWER: D (20+5+1+2=28.20 divided by 28lb = 71%)**

1. **Five tonometer readings in mm/Hg are 14, 15, 19, 14, and 18.**

**What is the average?**

1. **14 C) 18**
2. **16 D) 14.5**

**ANSWER: B (15+14+14+19+18 divided by 5= 16mm/HG)**

1. **A patient requires 3 units of insulin every 12 hours. If the concentration of**

**Insulin is 100 units/ml, how many milliliters should be given?**

1. **0.3 C) 0.03**
2. **30 D) 0.15**

**ANSWER: C (3 units divided by 100 units/ml = 0.03)**

1. **A patient requires 3 units of insulin every 12 hours. If the concentration of insulin**

**Is 30 units/ml, how many milliliters should be given?**

1. **0.1 C) 0.05**
2. **10 D) 0.01**

**ANSWER: A (3 units divided by 30 units/ml = 0.1)**

1. **When you view a specimen under a compound microscope using the 40x objective and a 10x ocular,**

**the total magnification of the specimen being viewed is**

1. **4x C) 400x**
2. **40x D) 4000x**

**ANSWER: C**

**DOG GROUPS:**

1. **Which is not in the Sporting Group?**
2. **Weimaraner C) Beagle**
3. **Brittany D) Irish Setter**

**ANSWER: C**

1. **The Cavalier King Charles Spaniel is in which group?**
2. **Sporting C) Non-Sporting**
3. **Toy D) Herding**

**ANSWER: B**

1. **Which dog is in the Herding Group?**
2. **Border Collie C) Great Pyrenees**
3. **Weimaraner D) Dachshund**

**ANSWER: A**

1. **Which dog is not in the Hound Group?**
2. **Basenji C) Beagle**
3. **Weimaraner D) Whippet**

**ANSWER: B**

1. **The Boston Terrier is in which group?**
2. **Toy C) Terrier**
3. **Hound D) Non-Sporting Group**

**ANSWER: D**

1. **The Italian Greyhound is in which group?**
2. **Toy C) Hound**
3. **Non-sporting D) Sporting**

**ANSWER: A**

1. **Which group does the Portuguese Water Dog fall in?**
2. **Herding C) Working**
3. **Sporting D) Non-sporting**

**ANSWER: C**

1. **Which dog represents the Hound group?**
2. **Dalmatian C) Italian Greyhound**
3. **Brittany D) Basenji**

**ANSWER: D**

1. **Which dog represents the Working group?**
2. **Boxer C) Maltese**
3. **Bulldog D) German Sheperd**

**ANSWER: A**

1. **The Bullmastiff belongs to which group?**
2. **Sporting C) Hound**
3. **Working D) Herding**

**ANSWER: B**

1. **The Papillon dog belongs to which group?**
2. **Non-Sporting C) Hound**
3. **Toy D) Terrier**

**ANSWER: B**

1. **The Dachshund is in which dog group?**
2. **Hound C) Herding**
3. **Toy D) Non-Sporting**

**ANSWER: A**

1. **The Miniature Schnauzer belongs to which group?**
2. **Terrier C) Non-Sporting**
3. **Toy D) Working**

**ANSWER: A**

1. **Which dog is not a member of the Terrier dog group?**
2. **Wire Fox Terrier C) Yorkshire Terrier**
3. **Scottish Terrier D) Cairn Terrier**

**ANSWER: C**

1. **The Cocker Spaniel belongs to which group?**
2. **Hound C) Working**
3. **Non-Sporting D) Sporting**

**ANSWER: D**

1. **The German Shorthair Pointer dog belongs to this group:**
2. **Sporting C) Non-sporting**
3. **Hound D) Herding**

**ANSWER: A**

1. **The poodle belongs to which dog group?**
2. **Sporting C) Non-Sporting**
3. **Working D) Terrier**

**ANSWER: C**

1. **The Herding group has the following dog in it**
2. **Afghan hound C) Akita**
3. **Cardigan Welsh Corgi D) Newfoundland**

**ANSWER: B**

1. **The American Foxhound belongs to which dog group?**
2. **Herding C) Sporting**
3. **Terrier D) Hound**

**ANSWER: D**

1. **The Great Dane belongs to which dog group?**
2. **Herding C) Sporting**
3. **Hound D) Working**

**ANSWER: D**

1. **The Great Pyrenees dog belongs to which group?**
2. **Working C) Herding**
3. **Hound D) Sporting**

**ANSWER: A**

1. **The Chow Chow dog belongs to which group?**
2. **Toy C) Non-Sporting**
3. **Sporting D) Working**

**ANSWER: C**

1. **Australian Cattle Dog belongs to which group?**
2. **Hound C) Working**
3. **Herding D) Sporting**

**ANSWER: B**

1. **The Chinese Shar-Pei dog belongs to this group:**
2. **Foreign C) Hound**
3. **Terrier D) Non-Sporting**

**ANSWER: D**

1. **Which of the following belongs to the Terrier group?**
2. **Parson Russell C) Shih Tzu**
3. **Samoyed D) Chow Chow**

**ANSWER: D**

1. **Which of the following belongs to the Toy group?**
2. **Brittany C) Silky Terrier**
3. **Whippet D) Bull Terrier**

**ANSWER: C**

1. **The Pug belongs to which dog group?**
2. **Toy C) Non-Sporting**
3. **Hound D) Terrier**

**ANSWER: A**

1. **The Lhasa Apso belongs to this group:**
2. **Toy C) Hound**
3. **Terrier D) Non-Sporting**

**ANSWER: D**

1. **Which dog is not a member of the Hound group?**
2. **Bassett Hound C) Beagle**
3. **Bulldog D) Bloodhound**

**ANSWER: B**

1. **Which dog is not a member of the Herding group?**
2. **Collie C) Whippet**
3. **Shetland Sheepdog D) Border Collie**

**ANSWER: C**

1. **The Samoyed dog belongs to which dog group?**
2. **Working C) Hound**
3. **Herding D) Sporting**

**ANSWER: A**

1. **The Black and Tan Coonhound belongs to which dog group?**
2. **Sporting C) Herding**
3. **Hound D) Toy**

**ANSWER: B**

1. **The Pekingese dog belongs to this dog group?**
2. **Non-Sporting C) Toy**
3. **Terrier D) Herding**

**ANSWER: C**

1. **The Pembroke Welsh Corgi dog belongs to the same group as the following?**
2. **Alaskan Malamute C) Australian Cattle Dog**
3. **Basset Hound D) Smooth Fox Terrier**

**ANSWER: C**

1. **The Golden Retriever belongs to this dog group?**
2. **Sporting C) Non-Sporting**
3. **Hound D) Terrier**

**ANSWER: A**

1. **The Bichon Frise is in the \_\_\_\_\_\_\_\_ dog group?**
2. **Sporting C) Non-Sporting**
3. **Hound D) Toy**

**ANSWER: C**

1. **The Akita dog belongs to the following dog group:**
2. **Hound C) Sporting**
3. **Working D) Herding**

**ANSWER: B**

1. **The Alaskan Malamute dog belongs which dog group?**
2. **Hound C) Non-Sporting**
3. **Herding D) Working**

**ANSWER: D**

1. **Which dog is not in the Non-Sporting Group?**
2. **Boston Terrier C) Lhasa Apso**
3. **Pomeranian D) Bichon Frise**

**ANSWER: B**

1. **The Poodle is which dog groups**
2. **Non-Sporting C) Toy**
3. **Hound D) A & C**

**ANSWER: D**

1. **The English Springer Spaniel belongs to which dog group?**
2. **Hound C) Sporting**
3. **Working D) Herding**

**ANSWER: C**

1. **The Irish Setter belong to this group:**
2. **Sporting C) Non-Sporting**
3. **Hound D) Herding**

**ANSWER: A**

1. **The Rottweiler is in the following group:**
2. **Herding C) Hound**
3. **Working D) Terrier**

**ANSWER: B**

1. **The Saint Bernard dog belongs which dog group:**
2. **Herding C) Working**
3. **Hound D) Sporting**

**ANSWER: C**

1. **The Greyhound belongs to this dog group:**
2. **Hound C) Toy**
3. **Non-Sporting D) Terrier**

**ANSWER: A**

1. **Which dog belongs in the Toy Group?**
2. **Beagle C) Miniature Pinscher**
3. **Collie D) Bichon Frise**

**ANSWER: C**

1. **The Smooth Fox Terrier belongs to which group?**
2. **Terrier C) Hound**
3. **Herding D) Sporting**

**ANSWER: A**

1. **Which of the following belong to the Terrier Group?**
2. **Bull Terrier C) Shih Tzu**
3. **Yorkshire Terrier D) A & B**

**ANSWER: A**

1. **The Brittany dog belongs to which dog group?**
2. **Herding C) Hound**
3. **Sporting D) Terrier**

**ANSWER: B**

1. **The Old English Sheepdog belongs to which group?**
2. **Terrier C) Herding**
3. **Hound D) Working**

**ANSWER: C**

1. **The Chihuahua belongs to this dog group:**
2. **Non-Sporting C) Terrier**
3. **Hound D) Toy**

**ANSWER: D**

1. **The Afghan hound belongs to this dog group:**
2. **Toy C) Terrier**
3. **Working D) Hound**

**ANSWER: D**

1. **The Cairn Terrier dog belongs to this dog group:**
2. **Terrier C) Herding**
3. **Toy D) Non-Sporting**

**ANSWER: A**

1. **The Standard Schnauzer belongs to this dog group:**
2. **Herding C) Sporting**
3. **Working D) Non-Sporting**

**ANSWER: B**

1. **Which is not a member of the Working Group?**
2. **Bullmastiff C) Samoyed**
3. **Dalmatian D) Saint Bernard**

**ANSWER: B**

1. **The Mastiff is part of the following dog group?**
2. **Hound C) Working**
3. **Herding D) Sporting**

**ANSWER: C**

1. **The Shih Tzu dog belongs to this dog group:**
2. **Toy C) Non-Sporting**
3. **Terrier D) Working**

**ANSWER: A**

1. **Which of the following is not part of the Toy Group?**
2. **Italian greyhound C) Pomeranian**
3. **Lhasa Apso D) Papillon**

**ANSWER: B**

1. **The Toy Fox Terrier belongs to the Terrier Group.**
2. **True B) False**
3. **The Wire Fox Terrier belongs to the Terrier Group?**
4. **True B) False**
5. **German Shepherd dogs belong to this group?**
6. **Herding C) Working**
7. **Hound D) Terrier**

**ANSWER: A**

1. **The Doberman Pinscher belongs to this group:**
2. **Herding C) Working**
3. **Toy D) Terrier**

**ANSWER: C**

1. **The Beagle dog is a worthy member of which group?**
2. **Herding C) Sporting**
3. **Terrier D) Hound**

**ANSWER: D**

1. **Bernese Mountain Dog belongs to which of the groups?**
2. **Working C) Sporting**
3. **Hound D) Herding**

**ANSWER: A**

1. **The Hound group consist of the following but;**
2. **English Foxhound C) Labrador Retriever**
3. **Whippet D) American Foxhound**

**ANSWER: C**

1. **The Brittany dog belongs to which of the following groups?**
2. **Sporting C) Herding**
3. **Hound D) Working**

**ANSWER: A**

1. **The Australian Shepherd belongs to which group?**
2. **Hound C) Terrier**
3. **Herding D) Non-Sporting**

**ANSWER: B**

1. **The Scottish Terrier is a member of the Non-Sporting Group?**
2. **True B) False**

**ANSWER: B**

1. **The Golden Retriever belongs to the Hound Group?**
2. **True B) False**

**ANSWER: B**

1. **The following dogs belong to the Working group except:**
2. **Standard Schnauzer C) Boxer**
3. **Great Dane D) English Foxhound**

**ANSWER: D**

1. **The Bloodhound is a member of the following group:**
2. **Working C) Sporting**
3. **Hound D) Herding**

**ANSWER: B**

1. **The Newfoundland is in the same group as the Great Pyrenees?**
2. **True B) False**

**ANSWER: A**

1. **The West Highland White Terrier is belongs to which dog group?**
2. **Terrier C) Non-Sporting**
3. **Herding D) Toy**

**ANSWER: A**

1. **The Giant Schnauzer and the Standard Schnauzer belong to the same group?**
2. **True B) False**

**ANSWER: A**

1. **Which of the following is in the Hound Group?**
2. **Basset hound C) Dachshund**
3. **None of the above D) Both A & C**

**ANSWER: D**

1. **Maltese dog is a member of the following groups:**
2. **Non-Sporting C) Toy**
3. **Terrier D) Sporting**

**ANSWER: C**

1. **The Siberian Husky is in the following group:**
2. **Herding C) Sporting**
3. **Working D) Hound**

**ANSWER: B**

1. **All of the following are members of the Working Group except:**
2. **Rottweiler C) Bloodhound**
3. **Akita D) Bullmastiff**

**ANSWER: C**

1. **The Chihuahua is a member of the following group:**
2. **Toy C) Non-Sporting**
3. **Herding D) Hound**

**ANSWER: A**

1. **The English Setter belongs to which dog group?**
2. **Working C) Hound**
3. **Herding D) Sporting**

**ANSWER: D**

1. **The Collie belongs to which dog group?**
2. **Herding C) Hound**
3. **Non-Sporting D) Sporting**

**ANSWER: A**

1. **The Sporting Group includes the following except?**
2. **Irish Setter C) Black and Tan Coonhound**
3. **Golden Retriever D) German Shorthair Pointer**

**ANSWER: C**

1. **The Herding group includes the following except?**
2. **Great Pyrensees C) Border Collie**
3. **Australian Shepherd D) Cardigan Welsh Corgi**

**ANSWER: A**