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**Vet Science I**

Study Guide #2 (H)

1. **What do the following words mean?**

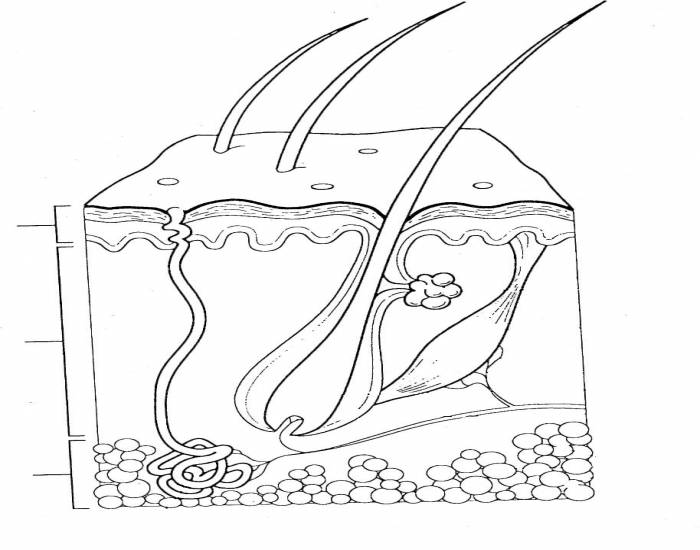
* Derma-:
* Pil-:
* Onych-:
* Ungul-:
* Eu-:
* Dys-:
* -ist:
* -opsy:
* -scope:
* -osis:

1. **What is the INTEGUMENTARY system?**
2. **Name 3 FUNCTIONS of the integumentary system**
3. **What are the 5 parts of the body that make up integumentary system?**
4. **Please label the following parts of the integumentary system:**

-dermis -epidermis -hypodermis -hair shaft

-hair follicle -sweat gland -sebaceous gland -arrector muscle

-fat cells -blood vessel



**6. Which layer of skin contains all of the important structures, including glands, blood vessels and nerves?**

**7.What is the purpose of MELANOCYTES within the skin?**

**8. Which layer of skin is where injections can be given?**

**9. What is a GLAND?**

**10.** **What is the purpose of the different glands found in the skin?**

* Sebaceous Gland:
* Sweat Gland:

**11. Do dogs sweat? WHY or WHY NOT? How do they cool off?**

**12. What are the three FUNCTIONS of hair?**

**13.** **What are the 3 types of hair that an animal can have? Know a definition for each type:**

**Hair Type Definition**

**14. What is the difference between Shedding and Alopecia?**

**15.** **What are the following grooming tools related to the integumentary system?**

**Word Bank**: Hair Clippers, Body Brush, Pet Grooming Scissors, Kong Zoom Groom, Nail Clippers, Curry Comb, Hoofpick with brush, Dremmel, Shedding Blade

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**16.** **What are the two FUNCTIONS of nails?**

**17. What is the QUICK? Why is this structure important when trimming an animal’s nails?**

**18. If you accidently hit the quick, what product(s) that was talked about in class can you use to stop the bleeding?**

**19. What does the term First Aid mean?**

**20. What are the 4 reasons why an animal might need pet first aid?**

**21. What are the 15 things found in a pet first aid kit?**

**22. What does CPR stand for?**

**23. What are the ABC’s of performing CPR?**

**24. What are the 4 purposes of a bandage?**

**25. Be able to perform the following first aid procedures:**

* **CPR (animal that has no pulse/not breathing)**
* **Temperature**

**26. What are the 3 layers of a bandage? What is the purpose of each layer?**

**Bandage Layer Purpose**

**27.** **What are the following veterinary tools related to the integumentary system and first aid?**

**Word Bank:** Elastic Bandage, Gauze Pads, Basket Muzzle, Stethoscope, Tourniquet, Vet Wrap, Forceps, Tweezers, Nylon Muzzle, Trauma Sheers, Gauze Roll



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**28. What are the 4 types of wounds an animal can get? What is the treatment protocol method for each type of wound?**

**Wound Type Treatment Method**

**29. Name 6 common pet toxins**

**30. What are the 4 symptoms/signs of an animal ingesting a toxin?**

**31. What are the 4 foods that are poisonous to pets?**

**32. What does CRT stand for? What is the normal value?**

**33. What is the normal appearance for mucous membranes of horses and pets?**

**34. What are the 6 categories of Parasites?**

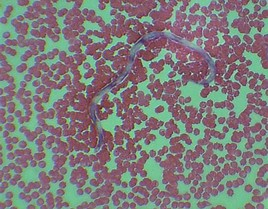
**35. What are the definitions for the following terms?**

* Host:

* Endoparasite:

* Ectoparasite:

**36. What are the following parasite eggs?**

**Word Bank**: Flea Larva, Heartworm Microfilaria, Hookworm Egg, Mosquito Larva, Roundworm Egg, Whipworm Egg & Taenia Tapeworm Egg.  
                 

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**37. What are the following parasites?**

**Word Bank**: Flea, Dog Tick, Deer Tick, Demodectic Mite, Blowfly, Coccidia, Giardia, Ear Mite, Heartworm, Hookworm, Roundworm, Sarcoptic Mite, Liver Fluke, Whipworm, Taenia Tapeworm & Mosquito.



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