Chapter 5 Skin

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|  |  |  |  |  | 7  E | C | C | R | I | 8  N | E | S | W | E | A | T | G | L | A | N | D |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 9  R | E | T | I | C | U | L | A | R | L | A | Y | E | R |  |  |  |  |  |  |  |  |  |
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|  |  |  |  | 13  F | R | E | E | N | E | R | V | E | E | N | D | I | N | G | S |  | I |  |  | 14  S |  | 15  C |  |  |  |
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|  |  |  |  | 16  T | 17  H | I | C | K | S | K | I | N |  | Y |  | M |  |  | N |  |  |  |  | A |  | U |  |  |  |
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|  |  |  | 18  H | A | I | R | F | O | L | L | I | C | L | E |  | N |  |  | A |  | 19  D |  |  | U |  | I |  |  |  |
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|  | 20  S | T | R | A | T | U | M | C | O | R | N | E | U | 21  M |  |  |  |  | O |  | A |  | 22  L | U | N | U | L | A |  |
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| **Across**  **1.** Help us sense touch, located in the dermis and the epidermis  **2.** Elimination of substances from the body  **7.** Most common sweat glands  **9.** Gives skin strength, ability to stretch  **13.** Found in the epidermis, react to pain, heat and cold  **16.** Composed of 5 epithelium layer, found in palms and soles  **18.** Sheath which surrounds the hair root  **20.** Most superficial layer of the epidermis  **22.** White semilunar area near the nail root  **23.** One way our body regulates temperature  **24.** Deepest layer of the skin | **Down**  **3.** Prevent the evaporation of water from the skin  **4.** Portion of the hair below the surface  **5.** Sensations which arise in the skin  **6.** Produce the protein keratin  **8.** Where nail growth occurs  **10.** Also known as the cutaneous membrane  **11.** Produce the pigment melanin  **12.** Produced by the skin when activated by UV rays  **14.** Layer of skin found only in thick skin  **15.** Produce earwax in the ear  **17.** Composed of fused, dead, keratinized cells  **19.** When it's hot our blood vessels \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **21.** Location in the hair which produces new hair cells |