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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Integumentary System

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| **Across**  **3.** layer of Epidermis-30 layers thick  **4.** avascular layer  **11.** Layer of epidermis where cells are the youngest  **12.** Middle layer of skin, made of connective tissue  **16.** papillary and reticular layer  **17.** Epidermis-barrier to \_\_\_\_\_\_\_  **18.** skin color protein  **19.** Body is too hot-vessels \_\_\_\_ so heat can escape  **20.** Protects underlying layers from \_\_\_ radiation  **21.** CT that makes up reticular layer | **Down**  **1.** layer only present in thick skin  **2.** Superficial layer of skin  **5.** Vitamin D is required for \_\_\_\_ absorption  **6.** how long for skin to regenerate  **7.** layer maintains body temp., stores energy  **8.** Deepest skin layer, made of adipose tissue  **9.** Body is too cold-vessels \_\_\_\_ to keep heat in  **10.** waterproofing protein  **13.** CT that makes up papillary layer  **14.** flexible layer, healthy oxygen supply  **15.** Most superficial layer of the epidermis |

   EPIDERMIS       UV       DILATE       CONSTRICT       CALCIUM       DERMIS       HYPODERMIS       CORNEUM       BASALE       INFECTION       DERMIS       HYPODERMIS       DERMIS       AREOLAR       DENSE IRREGULAR       EPIDERMIS       4-6 weeks       LUCIDUM       MELANIN       KERATIN       CORNEUM