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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