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Chapter 5 Crossword

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| **Across**  **2.** Loose connective tissue separating the integument from the deep fascia around other organs  **3.** The innermost epidermal layer  **9.** The underlying area of the cutaneous membrane consisting of connective tissues  **10.** Epithelial cells containing large amounts of the protein keratin  **12.** Fingerprints  **14.** Epidermis containing five layers of keratinocytes  **17.** The superficial epithelium of the cutaneous membrane  **18.** A layer superficial to the stratum germinativum  **19.** The skin portion of the integumentary system  **20.** The formation of protective, superficial layers of cells filled with keratin | **Down**  **1.** forms dense cytoplasmic granules; produced by keratinocytes  **4.** The portion of the integumentary system that is not skin  **5.** Dermal projections adjacent to epidermal ridges  **6.** A layer superficial to the stratum granulosum where the cells are flattened, densely packed, and filled with keratin  **7.** A layer superficial to the stratum spinosum; at this layer cells stop dividing and produce keratin  **8.** The exposed skin of both thick skin and thin skin  **11.** A tough, fibrous protein produced by keratinocytes  **13.** Epidermis containing four layers of keratinocytes  **15.** Another word for integumentary system  **16.** Stem cells whose division replace superficial keratinocytes |