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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 |