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Chapter 7 Cosmetology

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| **Across**  **2.** Deeper layer of the dermis that supplies skin with oxygen and nutrients; contains blood vessels, hair follicles, fat cells, nerve endings etc.  **4.** Outer layer of dermis, directly beneath the epidermis  **8.** A type of melanin responsible for red to yellow color  **9.** Cells that produce the dark skin pigment called melanin  **12.** Also know as a pimple  **13.** Small, involuntary muscles in the base of the hair follicle that cause goose flesh, sometimes called goose bumps and papillae  **15.** Protein base similar to collagen that forms elastic tissue  **16.** Thickening of the skin caused by continued, repeated pressure on any part of the skin, especially the hands and feet  **19.** Also known as oil glands  **21.** tiny grains of pigment that are produced by melanocytes and deposited into cells in the stratum germinativum layer of the epidermis  **23.** A type of melanin that is dark to black color  **25.** Fibers of the secretory nerve that are distributed to the sudoriferous glands and sebaceous glands.  **27.** The top of the papillary layer where it joins the epidermis  **28.** The complex of lipids between the cells that keep the skin moist by preventing water evaporation, and to guard against irritants penetrating the skin surface  **29.** Physician who specializes in diseases and disorders of the skin, hair and nails  **30.** Medical branch of science that deals with the study of skin and its nature, structure, function, diseases, and treatment  **31.** Also known as black head  **32.** Coiled base of sweat glands | **Down**  **1.** Means that the sunscreen product has been shown to protect against both UV-A and UV-B radiation of the sun  **3.** Fibers of sensory nerve that react to heat, cold, touch, pressure, and pain  **5.** A specialist in the cleansing, beautification, and preservation of the health of skin on the entire body, including face and neck  **6.** Fibrous protein that gives the skin form and strength  **7.** Technical term for acne bacteria  **10.** Small, cone-shaped elevations at the base of the hair follicle that fit into the hair bulb  **11.** Raised, inflamed papule with a white or yellow, pus filled" head"  **14.** Fibers of the motor nerves that are distributed to the arrector pili muscles attached to hair follicles. Carry impulses from the brain to the muscles  **17.** Also known as derma, corium, cutis, or true skin; underlying or inner layer of the skin  **18.** Also known as whitehead  **20.** A fatty or oily secretion that lubricates the skin and preserves the softness of the hair  **22.** Skin disorder characterized By chronic inflammation to sebaceous glands from retain secretions  **24.** Fibrous protein of cells that is also the principal component of hair and nails  **26.** Outermost and thinnest layer of the skin |