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

Integumentary System

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  | 2  E | P | I | T | H | E | L | I | A | L |  |  |  |  |  |  |  |
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|  |  |  |  |  | 6  S |  |  |  |  |  |  |  | 7  T |  |  |  |  | R |  | O |  | P |  | P |  |  |  |  |  |
|  |  |  |  |  | T |  |  |  |  |  |  |  | H |  | 8  H | A | I | R |  | T |  | I |  | O |  |  |  |  |  |
|  |  | 9  S |  |  | R |  |  |  | 10  K |  |  |  | E |  |  |  |  | E |  | P |  | D |  | D |  |  |  |  |  |
|  |  | T |  |  | A |  |  |  | E |  | 11  D | E | R | M | I | S |  | C |  | L |  | E |  | E |  |  |  |  |  |
|  |  | R |  |  | T |  |  |  | R |  |  |  | M |  |  |  |  | T |  | E |  | R |  | R |  |  |  |  |  |
|  |  | A |  | 12  L | U | N | U | L | A |  |  |  | O |  |  | 13  A |  | O |  | X |  | M |  | M |  |  |  |  |  |
|  |  | T |  |  | M |  |  |  | T |  |  |  | R |  |  | P |  | R |  | U |  | A |  | I |  |  |  |  |  |
|  |  | U |  |  | G |  | 14  M | E | I | S | S | N | E | R | C | O | R | P | U | S | C | L | E | S |  |  |  | 15  M |  |
|  |  | M |  |  | E |  |  |  | N |  |  |  | C |  |  | C |  | I |  |  |  | J |  |  |  |  |  | E |  |
|  |  | L |  |  | R |  |  | 16  P | O | S | 17  T | C | E | N | T | R | A | L | G | Y | R | U | S |  |  |  |  | R |  |
|  |  | U |  |  | M |  | 18  R |  | C |  | O |  | P |  |  | I |  | L |  |  |  | N |  |  |  |  |  | K |  |
|  | 19  E | C | C | R | I | N | E |  | Y |  | U |  | T |  |  | 20  N | A | I | L | 21  S |  | 22  C | O | L | L | 23  A | G | E | N |
|  |  | I |  |  | N |  | N |  | T |  | C |  | O |  |  | E |  |  |  | E |  | T |  |  |  | C |  | L |  |
|  |  | U |  |  | A |  | E |  | E |  | H |  | R |  |  |  |  |  |  | B |  | I |  |  |  | N |  | D |  |
|  |  | M |  |  | T |  | A |  | S |  |  |  | 24  S | K | I | N |  |  | 25  C | A | R | O | T | E | N | E |  | I |  |
|  |  |  |  |  | I |  | S |  |  |  |  |  |  |  |  |  |  |  |  | C |  | N |  |  |  |  |  | S |  |
|  |  |  |  |  | V |  | P |  |  |  | 26  M | E | L | A | N | O | C | Y | T | E | S |  |  |  |  |  |  | K |  |
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|  |  |  |  |  |  |  | Z |  |  |  | 27  C | E | R | U | M | I | N | O | U | S |  |  |  |  |  |  |  |  |  |
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| **Across**  **2.** Type of tissue that makes up the dermis  **8.** Composed of keratinized filaments rising from pouchlike follicles in the dermis.  **11.** Is the thicker inner region of skin  **12.** Is the crescent shaped white area at the base of the nail.  **14.** Detect light pressure and low frequency vibration  **16.** Information from receptors in the skin travel toward this area.  **19.** Glands that produce a watery liquid  **20.** compact Keratinizedcells that form thin hard plates found on the fingers  **22.** A natural occuring protien found in connective tissues  **24.** Makes up 7% of body weight  **25.** Is a pigment that give people yellow or golden color  **26.** Produce Melanin or pigment  **27.** Glands that produce earwax  **28.** Glands that produce sweat | **Down**  **1.** or hair follicle receptor  **3.** Also called the subcutaneous layer  **4.** Are Muscles attached to Hair follicles  **5.** Is between the epidermis and the dermis  **6.** Deepest layer of the epidermis  **7.** Detect changes in the temperature and located beneath the skim  **9.** found only in the thick skin of palms and soles of feet  **10.** Are cells that produce keratin.  **13.** Glands located in the axilla and the areola of the breast  **15.** Or tactile disks  **17.** The ability to perceive objects or forces through physical contact  **18.** Was a Hungarian psychiatrist and pioneer in touch deprivation research  **21.** Produces oil  **23.** an inflammatory Bacterial skin infection |