**Integumentary System Anticipation Guide**

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| **Before Reading After Reading** |
| **T or F** | **Statement** | **T or F** |
|  | 1. The skin covers 17-20 sq. feet and is the largest organ in the body. |  |
|  | 2. The outermost layer of the skin contains no blood vessels. |  |
|  | 3. New skin cells are produced in the outermost layer of the epidermis. |  |
|  | 4. The thinnest skin is on our eyelids (0.5 mm) and the thickest skin is on our back (5 mm) |  |
|  | 5. The average person sheds about 1 pound of skin in their lifetime. |  |
|  | 6. The outer layer of epidermis is completely replaced once a year. |  |
|  | 7. The skin has several functions, including protection, acting as a barrier, providing sensory  information and regulating temperature. |  |
|  | 8. Because the skin acts as a barrier, it does not absorb chemicals/water/nutrients |  |
|  | 9. A person’s skin color is determined by the number of melanocytes they have. |  |
|  | 10. Eating large quantities of foods containing carotene (i.e. carrots) can cause your skin to  take on a yellow tint |  |