

Anatomy and Physiology chapter 5

Questions and Correct Answers

Graded A+

Functions of skin

1. Protection of underlying tissues and organs
2. excretion of salts, water, and organic waste (glands)
3. Maintenance of body temperature (insulation & evaporation)
4. Production of melanin
5. Production of Keratin
6. Synthesis of vitamin D3
7. Storage of lipids
8. Detection of touch, pressure, pain, and temperature
9. Coordination of immune response



Protective elements of skin

Keratin, Lipids, Glandular Secretions, Melanin

Thermoregulation

Controls internal temp



Vitamin D synthesis

You need Vitamin D to absorb calcium

Epidermis

Superficial layer of skin. Avascular. 4 different cell types (Keratinocytes, Melanocytes, Langerhans cells, merkel cells)

fingerprint production

continuously produced in deepest layers and shed at exposed surface

Anatomy And Physiology Chapter 5 Answer Key

Jahangir Moini



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