**STUDY QUESTIONS INTEGUMENT SYSTEM**

**VOCABULARY**

Epidermis Rete pegs Meissner’s corpuscles

Dermis Dermal papillae Pacinian corpuscles

Keratinocytes Melanin capping Mucocutaneous junctions

Melanocytes Langerhans cells Filiform papillae

Stratum basal Papillary layer Fungiform papillae

Stratum spinosum Hypodermis Circumvallate papillae

Stratum granulosum Stratum lucidum Stratum corneum

Sebaceous glands Arrector pili muscle

**OBJECTIVES AND QUESTIONS**

1. Describe the layers of the epidermis, dermis, and hypodermis, and list the cell types associated with each layer.
2. What is the function of melanin capping?
3. What is the function of Langerhans cells?
4. Describe sebaceous, eccrine, and apocrine glands and compare their function and methods of secretion.
5. Differentiate between Meissner and pacinian corpuscles.