

# Chapter 18. Structure and Function of Skin

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**Solution 1:**

- (a) Stratum corneum, transitional region, stratum germinativum
- (b) Stratum germinativum
- (c) Stratum corneum
- (d) Dermis
- (e) Sweat gland / sudoriferous gland
- (f) Milk glands/ mammary glands
- (g) Wax gland
- (h) Epidermis
- (i) Melanin

**Solution 2:**

- (a) soles
- (b) epidermis and dermis
- (c) stratum corneum
- (d) keratin
- (e) mesoderm
- (f) loose connective tissue
- (g) sweat gland

**Solution 3:**

- (a) True
- (b) True
- (c) True
- (d) True
- (e) False
- (f) False

**Solution 4:**

- (i) (a) stratum Malpighi
- (ii) (d) palm
- (iii) (b) stratum corneum
- (iv) (b) dermis
- (v) (b) dermis
- (vi) (a) sweat gland
- (vii) (c) constrict and the sweat glands are inactive