

## UNIT 2 -SUPPORT SYSTEMS

### Integumentary System

#### Listening Guide

#### THE BASIC FUNCTIONS OF THE INTEGUMENTARY SYSTEM

##### A. Functions of Skin

1.

2.

3.

4.

5.

a. Melatonin:

#### THE LAYERS OF THE SKIN AND APPENDAGES

##### A. The layers of the skin

1. Epidermis-

a. avascular -

b. composed of

2. Dermis-

a. characterized by

b. Contains

3. Subcutaneous layer-

a. Composed of

b. Also referred to as the

##### B. Appendages of the skin

1. Nails

a. Composed of

b. Function:

2. Sudoriferous (\_\_\_\_\_) glands

a. Function:

3. Sebaceous (\_\_\_\_\_) glands
  - a. Associated with
  - b. Secretes
  - c. Function:
4. Hair
  - a. Primary function is
  - b. Examples:
    - 1.
    - 2.
    - 3.
  - c. Composed of

## DISEASES AND DISORDERS OF THE INTEGUMENTARY SYSTEM

- A. Acne
  1. Description:
  2. Cause:
  3. Treatment:
- B. Athletes foot –
  1. Symptoms:
  2. It grows best in
  3. Treatment:
- C. Ringworm –
  1. Description:
  2. This is not caused by
  3. Common treatment:
- D. Jock itch –
  1. Description:
  2. Common treatment:
- E. Skin Cancer -  
Cause:

There are three most common types of skin cancer:

1. Basal cell carcinoma (BCC)  
Frequency:  
Cause:  
Common Locations:

2. Squamous cell carcinoma (SCC)

Frequency:

Cause:

Common Locations:

3. Melanoma

Frequency:

Common Locations:

The American Dermatology Association recommends the ABCDE method to assess skin lesions for skin cancer.

A =

B =

C =

D =

E =