

### Autumn 1 end point knowledge questions:

#### Location and main function of hair structures

1. State the location and the main function of the *cuticle*.
2. State the location and the main function of the *cortex*.
3. State the location and the main function of the *medulla*.
4. State the location and the main function of the *hair follicle*.
5. State the location and the main function of the *inner and outer root sheath*.
6. State the location and the main function of the *hair shaft*.

#### Location and main function of nail structures

1. State the location and the main function of the *nail plate*.
2. State the location and the main function of the *nail bed*.
3. State the location and the main function of the *nail cuticle*.
4. State the location and the main function of the *matrix*.
5. State the location and the main function of the *lunula*.
6. State the location and the main function of the *hyponychium*.

#### Location and main function of the epidermis structures

1. State the location and the main function of the *basal cell layer*.
2. State the location and the main function of the *prickle cell layer*.
3. State the location and the main function of the *granular layer*.
4. State the location and the main function of the *clear layer*.
5. State the location and the main function of the *horny layer*.

#### Location and main function of the dermis structures

1. State the location and the main function of the *collagen*.
2. State the location and the main function of the *subcutaneous layer*.
3. State the location and the main function of the *elastin*.
4. State the location and the main function of the *sweat glands*.
5. State the location and the main function of the *sensory nerve endings*.
6. State the location and the main function of the *sebaceous gland*.
7. State the location and the main function of the *arrector pili muscle*.
8. State the location and the main function of the *blood vessels*.
9. State the location and the main function of the *dermal papilla*.

#### Location and main function of the hypodermis structures

1. State the location and the main function of the *fat cells*.
2. State the location and the main function of the *loose connective tissue*.

#### Function of the hair, skin and nails

1. Complete the acronym
  - S
  - H
  - A
  - P
  - E
  - S