

School. STRONG TOWER ACADEMY, IKORODU

Date 21ST APRIL, 2020

Class JSS3

Subject Basic Science

Topic Human Excretory System

SUBJECT TEACHER MR OYERINDE

Instructional Objectives: At the end of the lesson, students should be able to:

- (a) define excretion;
- (b) identify excretory organs and excretory products;
- (c) mention the urinary organ

Content

Excretion is the removal of all waste product of metabolism from the body. Metabolism involves digestion, respiration, blood circulation and so on.

EXCRETORY ORGANS AND THEIR PRODUCTS

EXCRETORY ORGAN	EXCRETORY PRODUCTS	EXCRETORY FORM
Lungs	Carbon (IV) oxide, water vapour	Gas
Kidney	Urea, water, sugar, mineral salt	Urine
Skin	Water, mineral salt, urea	Sweat

The organs involved in the formation of urine are collectively called urinary system. These are the kidney, ureter, bladder and urethra

Functions of the Kidney

- 1 it helps in formation and removal of urine
- 2 it regulates the amount of water in the body
- 3 it purifies the blood by removing harmful waste substances from the body

Evaluation Teacher asks students the following questions:

- (a) Define excretion
- (b) Identify excretory organs and their products

Conclusion: Teacher gives a concise note to students, marks same.

Date 23rd April, 2020
Class JSS
Subject Basic Science
Topic Human Excretory System

SUBJECT TEACHER MR OYERINDE

Instructional Objectives: At the end of the lesson, students should be able to:

- (a) explain the skin as an excretory organs;
- (b) state the functions of the skin

Content

The skin is an excretory organ that excretes water, urea and mineral salts which come out in the form of sweat. The skin is believed to be the largest organ in mammals, as it covers the entire body of mammals. During hot weather or exercise, a lot of blood flows to the skin, therefore, a lot of sweat is absorbed into the sweat glands. As the volume of sweat in the sweat gland increases, the sweat is evaporated. This leads to removal of heat from the body. This is a way by which the temperature of the body is regulated.

FUNCTIONS OF THE SKIN

- 1 it excretes sweat
- 2 it is a sense organ of touch, temperature, pressure and pain
- 3 it regulates body temperature
- 4 it prevents the body from bacterial attack

Evaluation Teacher asks students the following questions:

- (a) State the functions of the skin
- (b) Explain how the skin regulates body temperature

Conclusion: Teacher gives a concise note to students, marks same.

Assignment: Differentiate between excretion and defecation

