

Grade 11 Human and Social Biology

Term 1

Section B: Life Processes

The Skeletal System

- Names of major bones
- Function of skeleton
- Importance of tendons and ligaments
- Muscles in the upper arm/antagonistic muscles
- Joints

Excretion and Homeostasis

- Definition of excretion and function of organs involved (skin and kidneys)
- Definition of homeostasis
- Regulation of blood sugar, water and temperature
- Feedback mechanism

Section D: Disease and its Impact on Humans

Definition of Disease

- Types of diseases (deficiency, degenerative, pathogenic and heredity diseases)
- Differentiate signs and symptoms
- Discussion of signs, symptoms, causative agent
- Method of transmission and treatment of some specific diseases
- Sexual transmitted diseases
- Use of antibiotics and antifungal agents
- Common vectors of the Caribbean
- Types of immunity
- Drug abuse
- Impact of health practices on the environment
- Definition of pollution

- Methods of controlling pollutants
- Water purification
- Sewage disposal, pit latrines

Term 2

Section E: The Impact of Health Practices on the Environment

Operation of Landfills

- Impact of solid waste on the environment
- Solid waste management and recycling
- Domestic refuse disposal

Section C: Hereditary and Variation

- Process of mitosis and meiosis
- Definition of inheritance and terms used
- Genetic variation and environmental variation
- Monohybrid inheritance
- Inheritance of sex in humans and sex linked diseases