



Portion for the **MID TERM** exam –January, 2023 SUBJECT: **SCIENCE** YEAR: **6**

Unit 1: Classifying Living things

- Seven life processes of living things.
- Simple and complex classification of living organisms based on observable features.
- Classification keys.
- Classifying plants and animals.
- Characteristics of (vertebrates) fish, birds, reptiles, amphibians, mammals.
- Characteristics of (invertebrates) arthropods, mollusks and worms.

Unit 2: Microorganisms

- Features of microorganisms and their examples.
- Conditions necessary for the growth of microbes.
- Their role in food production, and making of compost.
- Diseases caused by microbes.
- Harmful microbes - its ill effects and safety precautions to avoid being affected by them.
- Methods to preserve different foods.
- What is in a vaccine .

Unit 3: Our Body Systems, Heart and Circulation

- Identifying and describing body systems: circulatory, digestive skeletal, muscular, nervous and respiratory system.
- Position and function of the heart.
- Position of lungs in the thorax.
- Components and functions of the blood.
- Blood vessels and their functions.
- Chambers of the heart and Blood's journey.
- Exchange of gases/ Breathing and Respiration.
- Exercise and pulse rate.
- Different food groups, sources and their functions.
- Balanced diet and nutrients.
- Impact of drugs and lifestyle on our bodies.

UNIT 4: Light

- How light travels.
- How we can see things.
- Light sources and reflectors
- Natural and artificial light sources.
- Transparent, translucent and opaque objects.
- How light travels in a periscope
- Distinguish between regular and irregular reflection

- Light reflection on shiny, smooth surfaces, mirrors.
- High Vis- clothing
- Shadows – Investigation on shadows
- Working Scientifically on Light

Questions on Scientific Enquiry and Investigations will be asked.

Revise from the notes, Topic Book, Work Book, all PPTS sent; posted video links Active learn resource and AFL/Assignment sheets.

Revision material will be uploaded on GC, after the winter break.