

#### GR 11 Life Sciences Paper 2 scope

#### 1 November 2024-

#### The following framework outlines the detailed assessment of topics covered in the examination. Teachers are advised to review it with learners to ensure full understanding and effective preparation.

#### Biological terms:

Ecosystems, ecology, environment, ecological niche, Interspecific competition, Intraspecific competition, Competitive exclusion, population density, population size, mortality, natality, chordate, cephalization, immigration, emigration, predator, prey, parasitism, resource partitioning, competition, parasitism, mutualism, commensalism, census, eukaryotic, procaryotic, alien plant species, monocultures, poaching, culling, eutrophication, thallus, indigenous plants, global warming, carbon footprint, food security, biodiversity, ozone, rhizoids, rhizome, pistil, invertebrates, specie, population, vaccination, antibiotics, pathogen, sexual reproduction

Micro -organisms	Biodiversity in plants
Structure and characteristics of:  - Viruses  - Bacterium  - Fungi  - Protista	- Identify the different plant groups  - The presents or absence of the key features of the four groups of plants:  - Vascular tissues - True leaves - Seed or spore - Fruit - Water for reproduction  # Distinguish between the gametophyte generation and sporophyte generation in
Conditions in which bread mould grow	Bryophytes and Pteridophytes
Explain what a heterotrophic organism is	Structure of a flower
The role that Fungi plays in the environment	Adaptions for wind pollinations
Malaria - What cause malaria	Advantages of sexual reproduction
- Symptoms of malaria	
- How can you prevent malaria	
Biodiversity in Animals	Population Ecology
Key features of the six Phyla:  - Symmetry - Number and names of tissues layers - Number of openings in gut - Coelom - Cephalisation - Blood systems	- Factors that influence population size - Logistic and geometric growth curves and their phases - Predator-prey relation # Be able to determine which graph indicate the prey/predator and why - Determine the size of a population: Quadrant method and mark/capture

# **Life Sciences Paper Grade Scope**

**Anthony S. Fauci** 

**Life Sciences Paper Grade Scope:** 

#### Decoding **Life Sciences Paper Grade Scope**: Revealing the Captivating Potential of Verbal Expression

In an era characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Life Sciences Paper Grade Scope**," a mesmerizing literary creation penned by a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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