



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 Structure and characteristics of: <ul style="list-style-type: none">- Viruses- Bacterium- Fungi- Protista	Biodiversity in plants - Identify the different plant groups <ul style="list-style-type: none">- The presents or absence of the key features of the four groups of plants:<ul style="list-style-type: none">- Vascular tissues- True leaves- Seed or spore- Fruit- Water for reproduction# Distinguish between the gametophyte generation and sporophyte generation in Bryophytes and Pteridophytes
Conditions in which bread mould grow	
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: <ul style="list-style-type: none">- Symmetry- Number and names of tissues layers- Number of openings in gut- Coelom- Cephalisation- Blood systems	<ul style="list-style-type: none">- 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

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RJ Shavelson



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Whispering the Techniques of Language: An Mental Quest through **Life Science Grade1question Paper November 24**

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Table of Contents Life Science Grade1question Paper November 24

1. Understanding the eBook Life Science Grade1question Paper November 24
 - The Rise of Digital Reading Life Science Grade1question Paper November 24
 - Advantages of eBooks Over Traditional Books
2. Identifying Life Science Grade1question Paper November 24
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Life Science Grade1question Paper November 24
 - User-Friendly Interface
4. Exploring eBook Recommendations from Life Science Grade1question Paper November 24
 - Personalized Recommendations

- Life Science Grade1question Paper November 24 User Reviews and Ratings
- Life Science Grade1question Paper November 24 and Bestseller Lists
- 5. Accessing Life Science Grade1question Paper November 24 Free and Paid eBooks
 - Life Science Grade1question Paper November 24 Public Domain eBooks
 - Life Science Grade1question Paper November 24 eBook Subscription Services
 - Life Science Grade1question Paper November 24 Budget-Friendly Options
- 6. Navigating Life Science Grade1question Paper November 24 eBook Formats
 - ePub, PDF, MOBI, and More
 - Life Science Grade1question Paper November 24 Compatibility with Devices
 - Life Science Grade1question Paper November 24 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Life Science Grade1question Paper November 24
 - Highlighting and Note-Taking Life Science Grade1question Paper November 24
 - Interactive Elements Life Science Grade1question Paper November 24
- 8. Staying Engaged with Life Science Grade1question Paper November 24
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Life Science Grade1question Paper November 24
- 9. Balancing eBooks and Physical Books Life Science Grade1question Paper November 24
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Life Science Grade1question Paper November 24
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Life Science Grade1question Paper November 24
 - Setting Reading Goals Life Science Grade1question Paper November 24
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Life Science Grade1question Paper November 24
 - Fact-Checking eBook Content of Life Science Grade1question Paper November 24

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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