



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: - Viruses - Bacterium - Fungi - Protista	Biodiversity in plants - 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 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: - 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

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Sabine Zange



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ECRM2014-Proceedings of the 13th European Conference on Research Methodology for Business and Management Studies Dr Martin Rich, Dr Anne Brown, 2014-06-16 **Brocklehurst's Textbook of Geriatric Medicine and Gerontology** **E-Book** Howard M. Fillit, Kenneth Rockwood, John B Young, 2016-05-06 The leading reference in the field of geriatric care Brocklehurst's Textbook of Geriatric Medicine and Gerontology 8th Edition provides a contemporary global perspective on topics of importance to today's gerontologists internal medicine physicians and family doctors An increased focus on frailty along with coverage of key issues in gerontology disease specific geriatrics and complex syndromes specific to the elderly makes this 8th Edition the reference you'll turn to in order to meet the unique challenges posed by this growing patient population Consistent discussions of clinical manifestations diagnosis prevention treatment and more make reference quick and easy More than 250 figures including algorithms photographs and tables complement the text and help you find what you need on a given condition Clinical relevance of the latest scientific findings helps you easily apply the material to everyday practice A new chapter on frailty plus an emphasis on frailty throughout the book addresses the complex medical and social issues that affect care and the specific knowledge and skills essential for meeting your patients complex needs New content brings you up to date with information on gerontechnology emergency and pre hospital care HIV and aging intensive treatment of older adults telemedicine the built environment and transcultural geriatrics New editor Professor John Young brings a fresh perspective and unique expertise to this edition The SAGE Handbook of Curriculum, Pedagogy and Assessment Dominic Wyse, Louise Hayward, Jessica Pandya, 2015-12-03 The research and debates surrounding curriculum pedagogy and assessment are ever growing and are of constant importance around the globe With two volumes containing chapters from highly respected researchers whose work has been critical to understanding and building expertise in the field The SAGE Handbook of Curriculum Pedagogy and Assessment focuses on examining how curriculum is treated and developed and its impact on pedagogy and assessment worldwide The Handbook is organised into five thematic sections considering The epistemology and methodology of curriculum Curriculum and pedagogy Curriculum subjects Areas of the curriculum Assessment and the curriculum The curriculum and educational policy The SAGE Handbook of Curriculum Pedagogy and Assessment's breadth and rigour will make it essential reading for researchers and postgraduate students around the world **Development and Education Studies** Prof. Dr. Hatice BEKİR, Phd. Vedat BAYRAKTAR, Res. Asst. Şerife Nur KARAÇELİK, 2020-11-08 Early math skills are crucial to children's math and school success in the following years The use of storybooks as a mathematics learning method has been discussed frequently in recent years Shared book reading allows different mathematical conversations to pass between parent or teacher and child NCTM 1989 promotes the using of mathematics storybooks as a way of introducing mathematical ideas to children as it offers a meaningful context for teaching mathematics concepts to children Shared book reading improves children's problem solving skills allows for an exchange of

ideas establishes logical and may prompt discussion of abstract concepts This chapter reviews how children learn mathematics and research on the use of storybooks for mathematics skill development It concludes with examples of how explicit and implicit storybooks in either paper or digital versions may be used Keywords Storybooks mathematics children s learning of mathematics children s development **Paperbound Books in Print** ,1971-07 **Resources in Education** ,1994-11 **The Mining Journal, Railway and Commercial Gazette** ,1901 *Canadian Journal of Forest Research* ,2015

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web aug 18 2020 understanding superheat can be essential to understanding and troubleshooting some refrigeration issues
1 this article will explain superheat for anyone considering becoming an hvac technician or who might just need a refresher after completing their hvac training program

troubleshooting hvac r systems using refrigerant superheat - Oct 15 2023

web aug 12 2019 this application note provides information on troubleshooting the refrigeration system while applying the principles of superheat and subcooling to hvac r equipment it will also teach you the proper methods to tackle some typical troubleshooting tasks using thermometers digital multimeters pressure vacuum modules and hvac r