

Grade 10 Life Sciences

Class test 1

Date:

Section A

Question 1

Give the correct **biological term** for each of the following descriptions. Write only the term next to the question number (1.1 to 1.5) in the ANSWER BOOK.

- 1.1 The variety of living organisms on earth.
- 1.2 A group of food chains arranged to show how the feeding of organisms is connected.
- 1.3 Factors that relate to the physical features of the land.
- 1.4 An area with a particular climate and soil type that influences the plants and animals that live there.
- 1.5 Organisms that feed on dead or decaying matter. (5 x 1)(5)

TOTAL SECTION A: [5]

Section B

Question 2

2.1 The diagram below represents a food chain in a garden.



2.1.1 Name the organism above that represents a:

- (a) Carnivore

(1)

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Alexander Styhre



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Curriculum Theory, Curriculum Theorising, and the Theoriser, 2020-12-29 Curriculum studies is at the core of the educational endeavour and informs what happens in every educational institution As a result of its criticality or primacy every educational practitioner appears to claim expertise in curriculum matters and what direction the field should take In Africa the curriculum practitioner has been given little or no space to theorise and orient the future of the field in Africa Instead European and American curriculum theorists have been allowed to exert a marked influence on the nature and direction of African theoretical and philosophical underpinnings This situation raises fundamental questions about the future of education in Africa and this volume explores and answers these questions relating to curriculum theory theorising and the theoriser by breaking traditions and experimenting on alternative approaches and pathways Contributors are Aruna Ankiah Gangadeen Lynn Biggs Eunice Champion Taryn Isaacs De Vega Kehdinga George Fomunyam Nadaraj Govender Angela James Simon Bheki Khoza Noma China Kubashe Nehemiah Latolla Jacqui L ck Dumisa Celumusa Mabuza Simeon Maile Suriamurthee Maistry Makhulu A Makumane Zvisinei Moyo Cedric Bheki Mpungose Pascal Nadal Blanche Ntombizodwa Ndlovu Christopher Ndlovu Emily Mangwaya Ndlovu Nellie Ngcongco James Deirdre Pratt Mukhtar Raban Nolundi Radana Makhosazana Edith Shoba Mahlapahlapana Themane Molaodi Tshelane and Denise Zinn *Ethics and Integrity in Health and Life Sciences Research* Zvonimir Koporc, 2018-12-06 This important volume covers ethics and integrity in health and life sciences research It addresses concerns in gene editing dual use and misuse of biotechnologies big data and nutritional science in health and medicine and covers attempts at ensuring ethical practices in such fields are shared internationally

Yearbook of International Organizations 2014-2015, Volumes 1A And 1B (SET) Union of International Associations, 2014-06-16 Volume 1 A and B covers international organizations throughout the world comprising their aims activities and events **Annual Report** Mpumalanga (South Africa). Department of Education, 2014 **The Financialized Economy** Alexander Styhre, 2021-04-04 Social science theorists from various scholarly disciplines have contributed to a recent literature that examines how the finance industry has expanded and now wields increasing influence across a variety of economic fields and industries In some cases this tendency towards a more sizeable and influential finance industry has been referred to as the financialization of the economy This book explains how what is referred to as the finance led economy arguably a more neutral and less emotionally charged term than financialization is premised on a number of conditions institutional relations and theoretical propositions and assumptions and indicates what the real economic consequences are for market actors and households The book provides a theoretically condensed but empirically grounded account of the contemporary finance led economy in many cases too complicated in its design and rich in detail to be understood equally by insiders empirical research indicates and lay audiences It summarizes the relevant literature and points at two empirical cases the construction industry and life science venturing to better illustrate how the expansion of the finance industry has

contributed to the capital formation process and how the sovereign state has actively assisted this process. It offers a credible yet accessible overview of the economic conditions that will arguably shape economic affairs for the foreseeable future. The book will find an audience amongst a variety of readers including graduate students, management scholars, policymakers, and management consultants.

The Carbon Fix Stephanie Paladino, Shirley J Fiske, 2016-11-18 Given the growing urgency to develop global responses to a changing climate, *The Carbon Fix* examines the social and equity dimensions of putting the world's forests and necessarily the rural people who manage and depend on them at the center of climate policy efforts such as REDD intended to slow global warming. The book assesses the implications of international policy approaches that focus on forests as carbon and especially forest carbon offsets for rights justice and climate governance. Contributions from leading anthropologists and geographers analyze a growing trend towards market principles and financialization of nature in environmental governance, placing it into conceptual, critical, and historical context. The book then challenges perceptions of forest carbon initiatives through in-depth field-based case studies, assessing projects, policies, and procedures at various scales from informed consent to international carbon auditing. While providing a mixed assessment of the potential for forest carbon initiatives to balance carbon with social goals, the authors present compelling evidence for the complexities of the carbon offset enterprise, fraught with competing interests and interpretations at multiple scales and having unanticipated and often deleterious effects on the resources and rights of the world's poorest peoples, especially indigenous and rural peoples. *The Carbon Fix* provides nuanced insights into political, economic, and ethical issues associated with climate change policy. Its case approach and fresh perspective are critical to environmental professionals, development planners, and project managers, and to students in upper-level undergraduate and graduate courses in environmental anthropology and geography, environmental and policy studies, international development, and indigenous studies.

Neuroethics Judy Illes, Sharmin Hossain, 2017 Over the last decade, there have been unparalleled advances in our understanding of brain sciences. In this volume on neuroethics, a distinguished group of contributors from a range of disciplines discuss the ethical implications of this newfound knowledge and set out the many necessary considerations for the future.

[A Living History of Immunology](#) Kendall Arthur Smith, 2015-11-04 In the highly competitive world of biomedical science, often the rush to publish and to be recognized as first with a new discovery, concept, or method is lost in the hurly-burly of the moment as the maddening crowd moves on to the next new thing. One of the great things about immunology today is that it has only become mature as a science within the last half century and especially within the past 35 years as a consequence of the revolution of molecular immunology which has taken place only since 1980. Consequently, most of those who have contributed to our new understanding of how the immune system functions are still alive and well and still contributing. Thus, *A Living History of Immunology* collates many stories from the investigators who actually performed the experiments that have established the frontiers of immunology. Accordingly, this volume combats revisionist science by those who want to alter history by telling the

stories a different way than actually happened In this regard one of the good things about science vs other disciplines is that we have the written record of what was done when it was done and by whom Even so we do not have the complete story or narrative of how and why experiments were done and what made the differences that led to success This volume captures and chronicles some of these stories from the past fifty years in immunology

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