

2. Microorganisms in the soil release enzymes to digest dead leaves.

(a) Explain how enzymes catalyse chemical reactions.

[3]

(b) Protease and cellulase are two enzymes secreted by soil microorganisms. Protease digests protein.

Suggest what part of the dead leaf cells are digested by the enzyme cellulase.

[1]

Answers To E2020 Chemistry 1

Marwan N. Sabbagh



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The Alzheimer's Answer Marwan Sabbagh, 2010-12-15 A front line researcher offers cutting edge advice on preventing and slowing the progress of Alzheimer's Drawing on the most up to date information available on the disease as well as experiences from his clinical practice Dr Marwan Sabbagh a leading expert in Alzheimer's research translates the current ideas driving Alzheimer's treatment into practical information you can use to determine your risk and develop a prevention strategy You'll find tools for assessing your personal Alzheimer's risk and What You Can Do sections to help you keep your brain and body healthy plus information on the treatment of Alzheimer's and its complications Gives you the most up to date information on Alzheimer's and Alzheimer's prevention Written by a neurologist specializing in geriatric neurology and dementia who is one of the country's leading experts in Alzheimer's research Includes exciting revelations such as finding that early onset Alzheimer's can be significantly slowed in its progress giving the patient as many as ten to fifteen added years of quality life There are an estimated 5.2 million people living with Alzheimer's in America today If you or someone you love is at risk of developing the disease or wishes to slow its advancement this book will give you vital information to help you reduce risk and safeguard health and quality of life

AARP The Alzheimer's Answer Marwan N. Sabbagh, 2011-12-20 AARP Digital Editions offer you practical tips proven solutions and expert guidance In *The Alzheimer's Answer* Dr Marwan Sabbagh a front line researcher offers cutting edge advice on preventing and slowing the progress of Alzheimer's Drawing on the most up to date information available on the disease as well as experiences from his clinical practice Dr Sabbagh a leading expert in Alzheimer's research translates the current ideas driving Alzheimer's treatment into practical information you can use to determine your risk and develop a prevention strategy You'll find tools for assessing your personal Alzheimer's risk and What You Can Do sections to help you keep your brain and body healthy plus information on the treatment of Alzheimer's and its complications Gives you the most up to date information on Alzheimer's and Alzheimer's prevention Written by a neurologist specializing in geriatric neurology and dementia who is one of the country's leading experts in Alzheimer's research Includes exciting revelations such as finding that early onset Alzheimer's can be significantly slowed in its progress giving the patient as many as ten to fifteen added years of quality life There are an estimated 5.2 million people living with Alzheimer's in America today If you or someone you love is at risk of developing the disease or wishes to slow its advancement this book will give you vital information to help you reduce risk and safeguard health and quality of life

Oceanographic Processes of Coral Reefs Eric Wolanski, Michael J. Kingsford, 2024-02-29 In the last two decades since publication of the first edition substantial advancements have been made in the science the need for transdisciplinary approaches to coral reef protection greater than ever before This new edition now in full color throughout with accompanying animations goes beyond identifying foundational information and current problems to pinpoint science based solutions for managers stakeholders and policy makers Coral reefs are connected by currents that carry plankton and the

larvae of many reef based organisms Further they supply food to reefs Currents also bring pollutants from the land and together with the atmosphere affect the surrounding ocean The chapters in this book provide a much needed review of the biophysics of reefs with an emphasis on the Great Barrier Reef as an ecosystem The focus is on interactions between currents waves sediment and the dynamics of coastal and reef based ecosystems The topographic complexity of reefs redirects mainstream currents creates tidal eddies mushroom jets boundary layers stagnation zones and this turbulence is enhanced by the oceanographic chaos in the adjoining Coral Sea This is the environment in which particles and organisms of a range of sizes live from tiny plankton to megafauna This generates faunal connectivity at scales of meters to thousands of km within the Great Barrier Reef and with the adjoining ocean Pollution from land use is increasing and remedial measures are described both on land and on coral cays The impact of climate change is quantified in case studies about mangroves and corals Modelling this biophysical complexity is increasing in sophistication and the authors suggest how the field can advance further

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