Environmental Management

A guide to subject selection
For O Level Students
Environmental Management -
Introduction

• Environmental Management is one of the emerging subjects and has been recently introduced in Pakistan.

• In response to the current financial crisis, policy makers in many countries have given higher priority to “green” concepts and ideas and adopted “green policies” with a view to promoting long-term development in the post-crisis era.
The world has now understood the importance of ‘Sustainability’, ‘Green Policy’ and ‘Green Economy’. It is expected that in near future the demand of the personnel's with environmental management skills will increase sharply.

It is widely recognized that green economy provides opportunities to improve resource efficiency, reduce pollution, increase market demand and create new jobs.
Environmental Management
An important element of every field

- Environmental Management is related to almost every field of study such as;
- Biology
- Ecology
- Chemistry
- Geography
- Oceanography
- Geology
- Economics
- Engineering
- Sociology, etc.
Environmental science

- Ethics
- Ecology
- Economics
- Biology
- Chemistry
- Atmospheric science
- Oceanography
- Geology
- Sociology
- History
- Political science
- Engineering
- Anthropology
- Archaeology
Syllabus Aims

The syllabus aims at enabling students to acquire:

• An **appreciation** of the diverse influences of human activity on the natural system.
• An **awareness** of the need for management to keep the environment in a healthy condition.
• An **understanding** of sustainable development and management to meet the needs of the present without compromising on the ability of future generations to meet their own needs.
• An **understanding** of how local environments contribute to the global environment.
• A **sensitivity** to, and a **sense of responsibility** and concern for, the welfare of the environment and all other life forms which share this planet;
• A **willingness** to review their own attitudes in the light of new knowledge and experiences;
• A **sound basis** for further study, personal development and participation in local and global environmental concerns.
Why choose Cambridge O Level Environmental Management?

Successful O Level Environmental Management students gain lifelong skills, including:

• An **ability** to draw upon disciplines such as Biology, Earth Science, Geography, Economics and Anthropology.

• An **understanding** of the interdependence of the Earth’s natural systems, and how people use natural resources.

• An **understanding** of how development impacts on the environment consideration of issues such as environmental pollution and resource depletion.

• The **ability** to explore ways in which we may change the nature of future development to make it more sustainable.
Cambridge O Level Environmental Management
Syllabus code 5014

Paper 1
120 marks
60% of total assessment
2hr 15 mins
Based on Subject theoretical knowledge

Paper 2
60 marks
40% total assessment
1 hr 30 mins
Based on Analytical Skills
Assessment Objectives

- Knowledge with Understanding
- Analytical Skills development
- Evaluation Judgement and Decision making
Students' Development

- Analytical Skills
- Problem Solving
- Information Awareness
Subject Selection Options???
• As Environmental Management, represents an important point of convergence between environmental protection and economic growth. Hence it offers combinations with Sciences and Commerce subjects.

• Environmental Management provides a diverse and flexible option and can be taken by Science Commerce, and Humanities students.
Eligibility Criteria

- Environmental Management can be taken by students who have passed the eighth grade with at least 50% in Sciences and Geography.
Science
- Biology/Computer Studies
- Environmental Management

Commerce
- Economics
- Accounts
- Environmental Management
Further Study options in Pakistan

- BS Environmental Science
- MS Environmental Science
- MBA Environmental and energy management
- M.phil/ Ph.D in Environmental studies
Bahria University

Institute of Business Management (IOBM) offers MBA in Environmental Management

Department of Environmental Science
University of Karachi
Further studies

- Environmental Management is a part of many higher studies curriculums.
- Environmental engineering is a part of curriculum in advanced engineering fields as well such as
  - Civil Engineering
  - Urban Engineering
  - Industrial and Manufacturing Engineering - Health, Safety and environment.
Environmental Careers

- Environmental Management provides you a diverse field of careers depending on the combination of subjects you opt for.
Become a Doctor with difference

YOUR ENVIRONMENT
YOUR HEALTH

The mission of the National Institute of Environmental Health Sciences is to discover how the environment affects people in order to promote healthier lives.
Become an **Environmental** Scientist
Become an **Environmental** Lawyer
Become an *Environmental* photographer
Become an Environmental Journalist
Become a Green Manager
Be an **Environmental** Activist
Join Environmental Organizations
Become a **sustainable** developer
Become an **Environmental Auditor**
Wants to find out more??

- Visit the links and investigate further about the Environmental Education and relevant Organizations.
• www.nec.com.pk
• www.omron.com
• www.un.org
• www.iema.net
• www.nrep.org
Become a pioneer in changing the future of your world.