

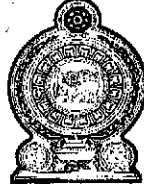
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கல்வி அமைச்சு

Ministry of Education

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බත්තරමුල්ල  
"இசுரூபாயா" ஸ்ரீ ஜயவர்தனபுர  
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Circular No: 2011/09

To  
Director General of National Institute of Education  
Commissioner General of Examinations Department  
All Provincial Secretaries of Education  
All Provincial Directors of Education  
All Zonal Directors of Education  
All Principals

**Removal of certain subject areas from the G.C.E. (A/L) Science -2011**

According to the discussion conducted by the Ministry of Education with the National Institute of Education and the details obtained from the A/L Science teachers in Chemistry and Biology, a decision was taken not to evaluate students on subject areas listed below at G.C.E. (A/L) 2011.

Therefore it is not necessary to teach those subject areas in Science for students who appear for G.C.E. (A/L) examination in 2011.

The Principals are advised to instruct teachers and make aware students who will be participating G.C.E. (A/L) examination in 2011 regarding this.


The subject areas which will not be evaluated in year 2011 are as follows:

**Biology**

Last unit, Applied Biology - Unit 14

## Chemistry

Unit	Name of the Unit
13.1	Uses conductivity measurements for the determination of the amount of solute in a solution.
13.4	Investigate the different types of cells.
13.5	Identifies the requirements to be fulfilled in the process of converting electrical energy in to chemical energy in electrolysis.
13.9	Investigates electroplating as an industrially important phenomena
14.3	Matches the gaps of energy levels of atoms / molecules with the energy of various radiations
14.4	Uses absorption and emission spectroscopic methods for chemical analysis.
14.5	Uses methods of purification of solid chemical compounds.
14.9	Determines pH value at the equivalence point based on the nature of anions and cations present in the system.
14.13	Uses chromatography techniques to separate materials
14.14	Uses mass spectrometry for chemical analysis
15.5	Investigations of certain chemical industries based on plant products
15.6	Investigation of certain chemical industries based on geological resources
15.7	Investigates the importance of Nano- size in delivering industrial products and services
16.3	Taking steps to maintain optimum composition of the atmosphere
16.4	Takes steps to maintain optimum composition of surface and underground water resource
16.5	Takes steps to minimize environmental damage done by agricultural chemicals and material.
16.6	Identifies criteria for determining quality of water.
16.7	Uses knowledge of chemistry for waste management

  
H.M. Gunasekera  
Secretary  
Ministry of Education