

EASTERN UNIVERSITY OF SRI LANKA



FACULTY OF AGRICULTURE

FIRST YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE – 2008/09  
[SEPTEMBER / OCTOBER - 2009]

ENG: 1201 - English (Level – II)

Index No.: .....

Time: 02 hours

Answer all questions on this paper itself.

For Examiner's use only

**Question Number      Maximum Marks      Marks Obtained**

I	20	.....
II	25	.....
III	25	.....
IV	30	.....
Total	<u>100</u>	.....

Examiner's Name : .....

Examiner's Signature : .....

Date : .....

**Question: I**

a. Change the following sentence into "passive voice".

01. The body sends signals to the brain, when the body is hungry for sweets.

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02. Scientists are searching for other kinds of food rich in minerals.

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03. We inherit physical and mental traits from our parents.

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04. Doctors use computerized tomography to improve diagnosis in medical examination.

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05. Geoffrey N. Hounsfield first developed the A.C.T. scanner for the head.

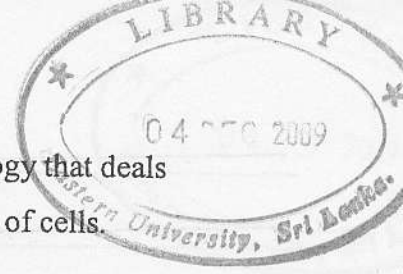
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[10 marks]

b. Fill in the blanks in the sentences below with the correct prepositions.

01. A decrease \_\_\_\_\_ the supply \_\_\_\_\_ a good usually results in an increase \_\_\_\_\_ the prize \_\_\_\_\_ that good.



02. Cytology is the branch \_\_\_\_\_ biology that deals  
\_\_\_\_\_ the structure, form and life of cells.
03. The professor gave us several examples \_\_\_\_\_ that  
phenomena.
04. This is an exception \_\_\_\_\_ the general rule.
05. The variety \_\_\_\_\_ seed is inferior \_\_\_\_\_  
the type planted last year.

[10 marks]

### Question: II

Read the advertisement for a vacancy for the post of Agriculture officer. Assume that you wish to apply for the post and write your bio-data along with the covering letter.

#### **AGRICULTURE OFFICER (Puttalam Project)**

A leading finance company is seeking the services of a professional from the Agricultural field.

The ideal candidate should:

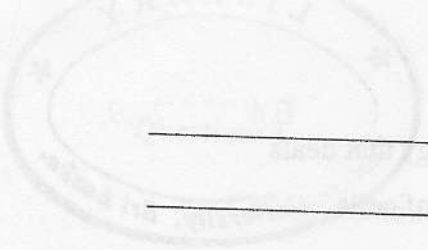
- Have a diploma in Agriculture
- Possess minimum of 3 years field experience
- Be fluent in both English & Sinhala with good communication Skills
- Be between 20-35 years of age

**Experience in nursery management and fruit crops will be an added advantage.**

An attractive remunerations package that includes a company maintained motorbike awaits the right candidate. Please forward your resume with names and contact details of two non-related referees to:

The Advertiser,  
OB 1250  
C/O Sunday Observer,  
Lake House,  
Colombo

August 30, 2009 / Sunday Observer.



03. The amount of land planted last year.

04. This is an advertisement for a vacancy for the post of Agricultural Officer. Assume that you wish to apply for the post and write your answer to the following questions.

05. This is an advertisement for a vacancy for the post of Agricultural Officer. Assume that you wish to apply for the post and write your answer to the following questions.

Question 11

Read the advertisement for a vacancy for the post of Agricultural Officer. Assume that you wish to apply for the post and write your answer to the following questions.

**AGRICULTURAL OFFICER**  
(Punjab Field)

A leading finance company is seeking the services of a professional from the Agricultural field.

The most candidate should:

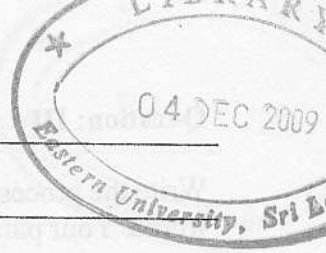
- \* Have a diploma in Agriculture
- \* Possess minimum of 5 years' professional experience.
- \* Be fluent in both English & Hindi with good communication skills.
- \* Be between 20-35 years of age.

Experience in nursery management and fruit crops will be an added advantage.

An attractive remuneration package that includes a company maintained motorbike awaits the right candidate. Please forward your resume with salary and contact details of two non-related referees to:

The Advertiser,  
OP 130  
GO Society Grounds, 1st  
Lake House,  
Colombo.

August 30, 2009 / Sunday Observer.



[25 marks]

**Question: III**

Write the process of an (scientific) activity, that you are familiar with, in 125 – 150 words. Your paragraphs should consist of

- Sequence markers
- Proper articles
- Present / passive form

[25 marks]

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## Question: IV

Read the newspaper article and give full answers to the questions wherever possible.

### Future perspectives: Coping with climate change

The Sunday Times Economic Analysis

Problems that are not of immediate concern are generally shelved till they grow into huge proportions and remedial actions are difficult and complicated. Today the country is at the threshold of facing a number of serious fundamental problems. The large public debt and the burden of debt servicing costs that are escalating is one such problem that requires immediate action. The ageing of the country's population and its serious implications on the economy and society are another. The deterioration of law and order and the erosion of the rule of law is another. Crises in education and the lack of reforms to cope with needed qualitative improvements are yet another. These issues are but some of the economic and social problems facing the country's future. They are placed on a back burner at most with only some lip service to them.

In this context it was heartening to find the Institute of Policy Studies bringing together a number of scientists from various disciplines to discuss an important and serious problem that the country would face in the coming decades. The workshop on "Mainstreaming Climate Change for Sustainable Development in Sri Lanka" was a pioneering conference on the impending impacts of global climate change on the Island. Such a futuristic approach is indeed commendable. Further it recognized that the issues pertain to a number of disciplines. In gathering a wide array of scientists and social scientists this workshop on climate change set in motion the possibility of a national plan to cope with the dangers facing the country.

Climate change has been described as "the most significant, reckless market failure the world has ever seen." Since the Industrial Revolution, countries have polluted without paying for it because they did not value the environment and the climate. The problem has now reached an alarming stage threatening the extinction of small islands and parts of coastal cities with large populations. The problem of climate change is not a problem created by us. In fact Sri Lanka's contribution to global warming is insignificant. Sri Lanka is a relatively low contributor to green house gas (GHG) emissions compared with other developed as well as some developing countries. The country's emission of gases is an insignificant fraction of one percent. Yet according to the IPS, "Sri Lanka is highly vulnerable to climate change, both in terms of socio economic and physical aspects." Most sectors of the economy and society would be affected adversely. Water supply, agriculture, infrastructure, forestry, fisheries, tourism, health, and energy are all key areas. The costs of inaction on climate change could be massive. The workshop noted that a significant proportion of the country's population lives in highly vulnerable areas to climate change. These vulnerable groups are diverse and include rain-fed farmers in dry zone, coastal communities and estate sector workers in plantation crops.

There is litter that Sri Lanka could do to mitigate the problem. There would be a lot of rhetoric on the need to limit GHG emissions globally but little meaningful actions. Developed countries would sign or not sign protocols and agreements but the real limitations placed on emissions are quite inadequate to cope with the problem. It is a problem mainly created by the developed world but one that would affect the developing world. As Dr. Gamani Corea once perceptively observed a sustainable world is only possible in "One world with two lifestyles". One was for the rich and the other for the poor.

Para - I

a) i. What grow into huge proportions?

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ii. Name three serious fundamental problems the country is facing today.

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Para - II

iii. What is the serious problem that the country would face in the future?

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Para - III

iv. How has the "climate change" been described?

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v. What is the consequence of climate change?

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vi. "The problem of climate change is not a problem created by us". Explain.

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vii. It is mentioned that Sri Lanka is a relatively low contributor to GHG emissions but she is highly vulnerable. How?

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viii. Mention three sectors which would be affected because of climate change.

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Para – IV

ix. Have enough actions been taken to limit emission of GHG globally? Support your answer with statements from the paragraph.

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x. How is a sustainable world possible, according to Dr. G.Corea?

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b) What does the following words mean?

Para I : its : \_\_\_\_\_

They : \_\_\_\_\_

Para II : it : \_\_\_\_\_

Para III: us : \_\_\_\_\_

Para IV: It : \_\_\_\_\_

c) Find words from the text to match the meaning given below.

i. the point at which something will come into effect: \_\_\_\_\_

ii. capable of being maintained at a set level : \_\_\_\_\_

iii. the permanent services and equipment needed for a system to be able to function properly: \_\_\_\_\_

iv. make it less serious : \_\_\_\_\_

v. speaking and writing effectively to influence others: \_\_\_\_\_

[30 marks]