



EASTERN UNIVERSITY, SRI LANKA

1ST YEAR 1ST SEMESTER EXAMINATION IN AGRICULTURE - 2010/2011
(FEBRUARY - 2012)

ENG : 1101 - ENGLISH [LEVEL - I]

Index No:

Time : 02 hours

Answer all questions on this paper itself

Write neatly and clearly.

For Examiner's use only

Question Number	Maximum Marks	Marks Obtained
I	15
II	20
III	10
IV	10
V	15
VI	15
VII	15
Total	<u>100</u>	<u>.....</u>

Examiner's Name :

Examiner's Signature :

Date :

Question (I)

Find suitable words from the list below to fill the gaps in the close text

Food prices have been increasing around the world. Asia has been particularly affected due to the rise in the price of rice and other essential consumer goods. Several reasons have been (1) _____ for the rise in (2) _____ food prices. Some crops are being (3) _____ generating bio - fuel. The (4) _____ climate patterns have adversely affected (5) _____ as droughts and floods continue to (6) _____ crops. (7) _____ grain in the manufacture of ethanol as a (8) _____ for petroleum has driven up food prices.

The government has initiated a (9) _____ "Let us grow more food" to develop the nation. Likewise governments around the world are proposing or implementing (10) _____ to the " food riots".

use	solutions	changing	used	program
global	destroy	agriculture	cited	substitute

(10 x 1.5 = 15)

Question (II)

Find the correct form of the verb which is given brackets and complete the following sentences.

- i) A large number of students _____ (admit) to the Faculty of Agriculture for the academic year 2010/2011.
- ii) The 15th annual Convocation of the EUSL _____ (held) at the EUSL/ Auditorium on the 8th of January 2012 and the Hon. Minister of the Higher Education _____ (be) the Chief guest at the event.
- iii) Every student _____ (has/have to) make presentations under the semester system during their academic career every year.
- iv) Students of Faculty of Agriculture _____ (offer) various credit subjects as well as some non credit subjects in each semester.
- v) Faculty of Agriculture _____ (organize) many events such as World Food Day, Field Day, etc. to create awareness among the undergraduates in the faculty.
- vi) At present new students _____ (enjoy) their academic activities without any difficulties or disturbances in a new learning environment.
- vii) _____ (Follow) a course of study in the English Medium is a big challenge for the new students.

- viii) The use of food source for bio fuel production to _____ (fight) climate change and rising populations and increasing floods and droughts.
- ix) The changing climate patterns _____ (have/has/had) adversely _____ (affect) the crop a species to a great extent in the recent years.
- x) Creating a great awareness among the public about environmental protection _____ (help) to prevent natural disasters in future.

(10 x 2 = 20)

Question (III)

Select appropriate prepositions to fill the gaps and complete the following text. Chose them from the list below. You may use a preposition more than once.

Organic farming is a form of agriculture which avoids or largely excludes the use (1) _____ synthetic fertilizers and pesticides, plant growth regulator and livestock feed additives. Organic farmers depend (2) _____ crop rotation, crop residues, animal manures and mechanical cultivation (3) _____ maintain soil productivity and tilth to supply plant nutrients and (4) _____ control weeds, insects and other pests.

According to the international organic farming organization IFOAM the role (5) _____ organic agriculture whether (6) _____ farming processing, distribution or consumption, is to sustain and enhance the health of ecosystem and organisms from the smallest (7) _____ the soil (8) _____ human beings.

Organic farming includes nitrogen self sufficiency (9) _____ the use (10) _____ legumes and biological nitrogen fixation as well as effective recycling of organic materials including crop residues and livestock manures.

to, in, of, through, on,

(10 x 1 = 10)

Question (IV)

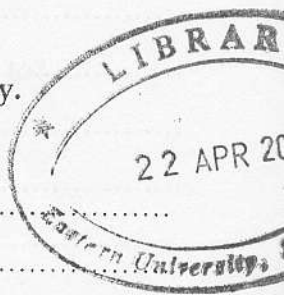
Re - arrange the following phrases into sentences and write them meaningfully.

- i) the world / around / have been/ food / rising / prices

.....

- ii) Sri Lanka / cultural / assets / both / natural / is blessed / with / a wealth of /

.....



Question (VI)

Read the following text and answer the questions on it.

Energy is one of the basic necessities of humans. We need energy in its various forms and various theories have been put forward and experiments conducted for the proper consumption, production and preservation of energy.

With the demand for energy increasing, scientists are making headway in their endeavors to find new sources of energy. The concept of renewable energy has become quite popular in the last two or three decades.

Various methods of generating renewable forms of energy have been introduced in the recent past. One concept that is fast gaining ground is that of the biogas. Biogas is used as a renewable source of energy, which utilizes available natural resources for its production.

Biogas can be described as a combination of various gases, usually carbon dioxide and methane. Though both these gases support combustion, methane is sometimes referred to as biogas. Methane is generated anaerobically through the process of fermentation, in which certain micro-organisms of different types act on organic material like manure, mud and solid waste. These methane - producing micro-organisms are not just able to live without oxygen, but they can also digest cellulose, which is the main constituent of plant fiber.

These microbes are very responsive to environmental conditions like temperature, acidity and water. Animals which consume plants, like grazing creatures, produce considerable amount of biogas. That is, the microbes present in their digestive systems produce biogas.

Biogas is also produced in swamps and at the bottom of lakes where, under wet conditions, organic matter is generated which decays under anaerobic conditions.

- I)
- i) Why are experiments conducted?
 - ii) What is the renewable form of energy introduced?
 - iii) How is biogas produced?
 - iv) How can biogas be described?
 - v) What are the environmental conditions that the microbes are responsive to?

II. Find equivalents from the text to the following words/phrases.

- i) Protection
- ii) Efforts
- iii) Period of ten years
- iv) In the absence of oxygen
- v) Waterlogged land

(10 x 1.5 = 15)

