



EASTERN UNIVERSITY, SRI LANKA  
FACULTY OF SCIENCE

FIRST YEAR / SECOND SEMESTER EXAMINATION IN SCIENCE - 2005/2006  
PROFICIENCY TEST IN ENGLISH - LEVEL - I  
[PROPER /REPEAT] - MARCH / APRIL - 2008

Index No.: .....

Time: 03 hours

Answer all questions on this paper itself.

For Examiner's use only:

	Question Number	Marks Obtained	Maximum Marks
Part -I	I	-----	10
	II	-----	10
	III	-----	15
Part - II	I	-----	20
	II	-----	20
	III	-----	25
	Total	-----	<u>100</u>

Examination's Name : .....

Examiner's Signature : .....

Date : .....



**PART – I**

**Question: I**

*Fill in the blanks with the correct form of the verb given in the brackets.*

- a] The Annual Research session which is a significant academic programme [01] ..... [hold] at the EUSL in August for two consecutive days.
- b] In the Semester System, every student [02] ..... [get] the chance to do presentations to develop his or her personality skills.
- c] Faculty of Science [03] ..... [publish] the Faculty Journal – Blossom every year in order to [04] ..... [promote] the writing ability of the students.
- d] The new Faculty of Health Care Sciences [05] ..... [establish] at the EUSL to admit students mainly from the east part of the Island.
- e] The Faculty of Science [06] ..... [conduct] a one year diploma in Aquatic Resources Management funded by an N.G.O.
- f] EUSL [07] ..... [conduct] a series of Quiz programmes for school students to [08] ..... [mark] the Silver Jubilee in 2006.
- g] ELTU [09] ..... [conduct] a new examination for school students to motivate them [10] ..... [learn] English.

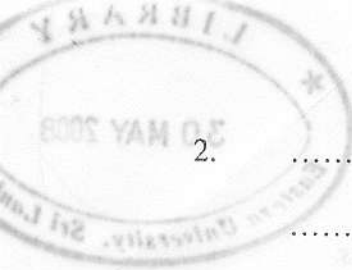
[10 marks]

**Question: II**

*Read the following passage and form five meaningful questions on it.*

The glass making is a very old industry. It is at least 4,500 years old. Glass has many extraordinary qualities. It is being used in new ways. One of the most interesting new uses is in Communication. Scientists have developed glass fibres as thin as human hair. They are designed to carry light signals. The light is first changed into electrical signals which are used to send messages by telephone. This new system is called the light wave communication.

- 1. ....  
.....



2.

3.

4.

5.

[10 marks]

**Question: III**

Fill in the blanks in the passage given below with suitable words. Select words from the respective lists.

Use only one word for each blank.

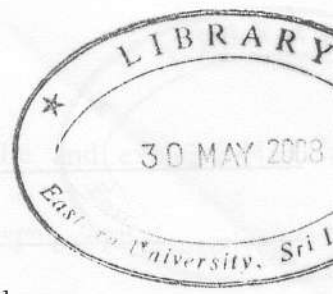
The Universe is everything that there is Everything on [01] ..... is part of the universe. Every star in the sky is part of the [02] ..... . No one knows for sure how big the universe [03] ..... . In fact you can't even [04] ..... most of the things in the universe. Why? Because they are too far away. Of course, the sun is part of the universe. The [05] ..... is a star. It is the nearest star to the earth. It looks [06] ..... because it is so close to the earth. When it shines, you cannot see the [07] ..... of any other star.

The sun is the center of our solar system. The [08] ..... is a group of nine planets that [09] ..... around the sun. Each planet follows its own path or [10] ..... . It takes the earth one year to go around the [11] ..... once.

A light year is how far light can travel in one year. [12] ..... moves very fast. It can go 186,000 [13] ..... in a second. It takes the sun's light eight [14] ..... to reach the earth. The light from many stars must travel more than a [15] ..... years to reach the earth. The sun and the nine planets are called the universe.

see	sun	miles	light
is	solar system	earth	orbit
minutes	universe	travel	million
light	bright	sun	

[15 marks]



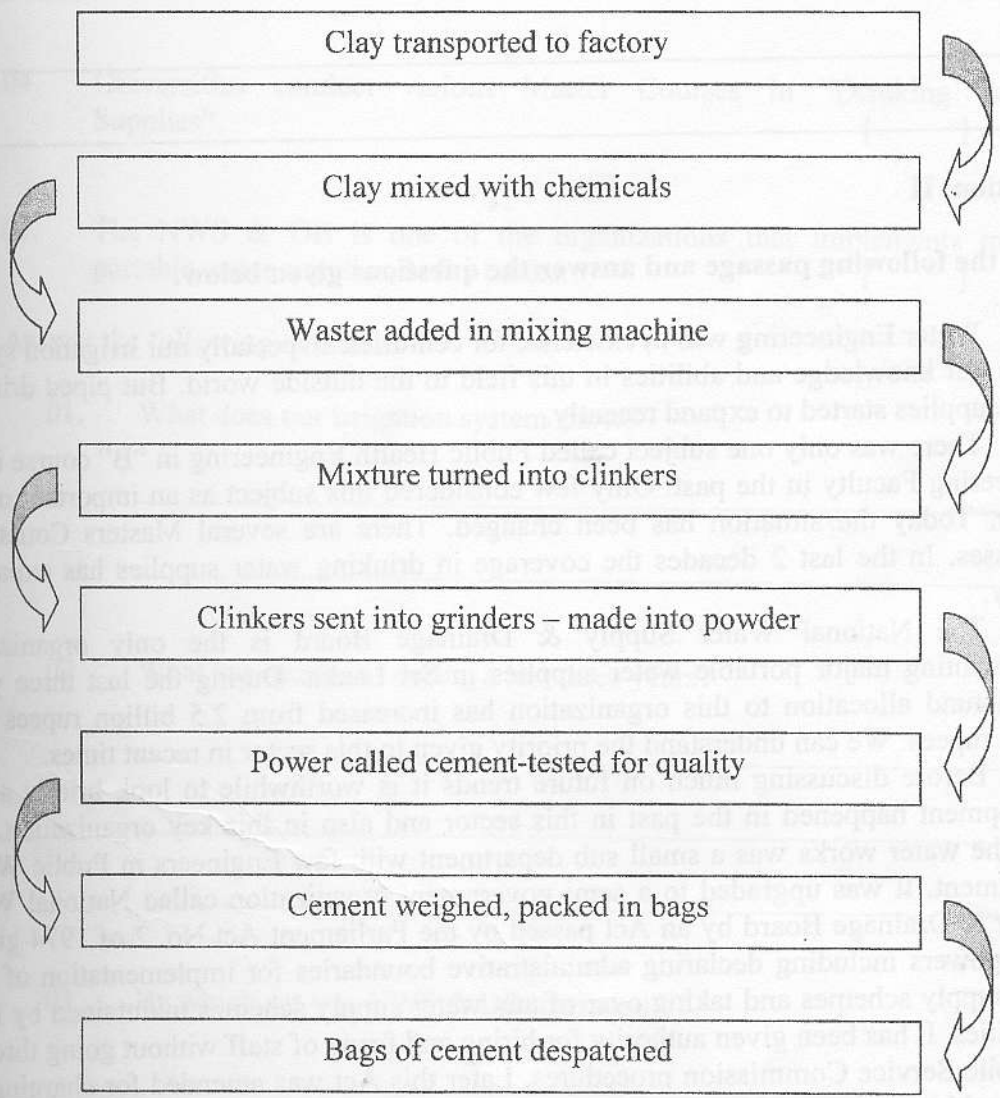
PART – II

Question: I

The flow chart given below describes how Cement is manufactured.

Write out the sentences in the form of a paragraph.

- i. Use the correct form of the verb
- ii. Use a, an, the where necessary
- iii. Use sequence markers such as first, then, etc.
- iv. Use suitable pronouns where necessary



[20 marks]



**Question: II**

**Read the following passage and answer the questions given below.**

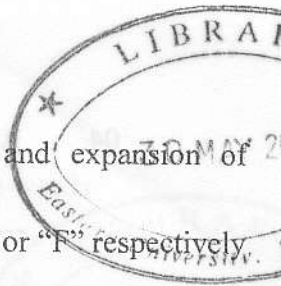
Water Engineering was in existence for centuries. Especially our irrigation system shows our knowledge and abilities in this field to the outside world. But piped drinking water supplies started to expand recently.

There was only one subject called Public Health Engineering in "B" course in the engineering Faculty in the past. Only few considered this subject as an important one to follow. Today the situation has been changed. There are several Masters Courses in campuses. In the last 2 decades the coverage in drinking water supplies has expanded rapidly.

The National Water Supply & Drainage Board is the only organization implementing major portable water supplies in Sri Lanka. During the last three years annual fund allocation to this organization has increased from 2.5 billion rupees to 5 billion rupees. We can understand the priority given to this sector in recent times.

Before discussing much on future trends it is worthwhile to look briefly at the development happened in the past in this sector and also in this key organization. Till 1975 the water works was a small sub department with few Engineers in Public Works Department. It was upgraded to a semi government organization called National Water Supply & Drainage Board by an Act passed by the Parliament Act No. 2 of 1974 giving wider powers including declaring administrative boundaries for implementation of new water supply schemes and taking over of any water supply schemes maintained by local authorities. It has been given authority for hiring and firing of staff without going through all Public Service Commission procedures. Later this Act was amended for charging for water and imposing penalties to its consumers.

The main objective of conversion to the Board from Department was to implement the first World Bank funded project for provision of water supplies to five



coastal towns namely Negombo, Kalutara, Ambalangoda, Galle and expansion of Colombo water supply scheme.

a) Are the following statements "TRUE" or "FALSE". Write "T" or "F" respectively in the blank space provided.

- 01. Water Engineering in Sri Lanka is not new. [     ]
- 02. We cannot be proud of our irrigation system. [     ]
- 03. In the past, everyone considered public health Engineering as an important subject. [     ]
- 04. Universities conduct various Master Courses in "Drinking Water Supplies". [     ]
- 05. The NWS & DB is one of the organizations that implements major portable water supplies, in Sri Lanka. [     ]

b) Answer the following question.

01. What does our irrigation system show?

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02. What has increased during a last three years?

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03. By which act was NWS & DB upgraded?

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04. What authority has been given to the NWS & DB?

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05. Give a suitable title to the above passage?

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c) Match the word in Column A with the synonym in Column B.

Write the number within the brackets.

**Column A**

**Column B**

- |              |     |                |         |
|--------------|-----|----------------|---------|
| 1. system    | (A) | paramount      | [     ] |
| 2. expand    | (B) | quick movement | [     ] |
| 3. important | (C) | skill          | [     ] |
| 4. rapid     | (D) | magnify        | [     ] |
| 5. ability   | (E) | method         | [     ] |

[20 Marks]

**Question: III**

Write a composition on Environmental Pollution. Use about 200 – 250 words.

Include the following in your essay.

- i. Types of pollution
- ii. Causes of pollution
- iii. Suggestions to stop pollution.



[25 marks]

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