



EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR SECOND SEMESTER EXAMINATION IN SCIENCE – 2010/2011
(MAY – 2012)

PROFICIENCY IN ENGLISH – LEVEL – I

INDEX NO.

TIME : 03 HOURS

ANSWER ALL QUESTIONS ON THIS PAPER ITSELF

FOR EXAMINER'S USE ONLY

<u>QUESTION NUMBER</u>	<u>MARKS OBTAINED</u>	<u>MAXIMUM MARKS</u>
01	10
02	10
03	10
04	10
05	10
06	10
07	10
08	10
09	20

TOTAL

EXAMINER'S NAME :

EXAMINER'S SIGNATURE :

DATE :

Q 1. Find the correct form of the verb which is given in brackets and complete the following sentences.

- (i) A large numbers of students (admit) to the Faculty of Science 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 Higher Education(be) the Chief Guest at the event.
- (iii) Undergraduates (has to/have to) make presentations under the Semester System during their academic career.
- (iv) Students of Faculty of Science (offer) various credit subjects as well as non credit subjects in each Semester.
- (v) At present new students (enjoy) their academic activities without any difficulties or disturbances in a new learning environment.
- (vi) (follow) a course of study in the English Medium is a big challenge for the new students.
- (vii) Nowadays food source is used for bio fuel production to (fight) climate change & rising population and increasing floods & droughts.
- (viii) The changing climate patterns (have/has) adversely (affect) the crop species to a great extent in the recent years.

- (ix) Creating a great awareness among the public about environmental protection (help) to prevent natural disasters in future.
- (x) Nuclear power (can/could use) to produce weapons for destruction.

(10 Marks)

Q 2. Change the following sentences into their corresponding passive voice.

(i) English Language Teaching Unit conducts a Proficiency in English course for the students of the Faculty of Science in the First and Second year.

(ii) Faculty of Science is taking steps to introduce many new courses to the internal students.

(iii) Senior students have completed the Proficiency in English (Level II) examination.

(iv) Department of Examinations will release the results of the final year students next week.

- (v) Undergraduates follow professional courses too to raise their qualification in order to find a challenging job.

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(10 Marks)

Q 3. Make sentences using the words provided by following the example given below.

Eg. A barometer is a device for measuring atmospheric pressure.

- (i) A thermometer

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- (ii) A balance

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- (iii) A telescope

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- (iv) A microscope

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- (v) A Bunsen burner

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(10 Marks)

Q4. Cloze Text

Find appropriate words from the list below to complete the following passage.

All plants and animals need carbon for growth. (1) is present in the atmosphere in the (2) of CO_2 . But it is present only in small (3) This means it has to be (4) again and again. Animals & plants continuously (5) in and give it out when they (8) This continual process is called the carbon cycle. (9) take in carbon from the air during (10) In this process, plants use (11) from the sun together with carbon dioxide from the air. Then they (12) sugars and other carbohydrates. The (13) are needed for the (14) of roots, stems and (15)

leaves
growth
make

carbohydrate
energy
photosynthesis
plants

die
feed
respiration
take

used
amounts
form
carbon

(10 Marks)

Q 5. Write appropriate sentences using the following words of S.I. Unit by following the example given below.

Eg. The degree Celsius is a unit of temperature

- i. The joule
- ii. The Newton
- iii. The grammer kilogram
- iv. The watt
- v. The litre
- vi. The second
- vii. The cubic centimetre
- viii. The volt
- ix. The ampere
- x. The Ohm

(10 Marks)

Q 6. Rearrange the following words and phrases in a meaningful way and rewrite them in the space given.

- (i) above the earth / refrigerators / damages / the ozone layer / used in / chloroflouro carbon

.....

- (ii) good conductors / such as / are / silver, copper, gold / and / many / metals / aluminium

.....

- (iii) before the thunder / lightning / sound waves / so / as quickly as / light waves/ do not travel / can be seen /

.....

- (iv) molecules / bonds / to form / called / forces / hold / atoms / together

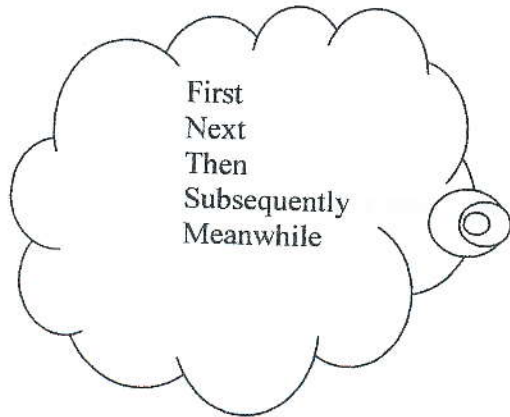
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- (v) trees / will upset / and / their destruction / the balance of CO_2 / in the atmosphere / in future / use / CO_2

.....

(10 Marks)

Q 7. The different stages of the life cycle of a plant is given below. Arrange them in the correct order and write out the process using the appropriate sequence markers provided.



- Flower appears
- The stigma receives pollen
- Pollination takes place
- The fruit forms
- The plant decomposes
- The seed is sown
- The seed begins to swell
- It is watered
- Germination begins
- The leaves also develop
- The roots develop
- The plant dies

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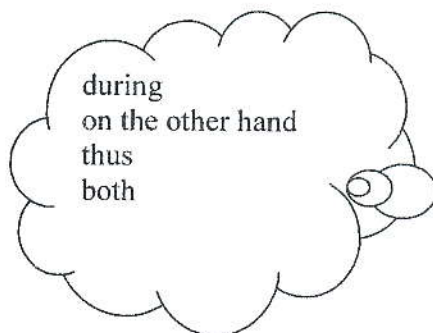
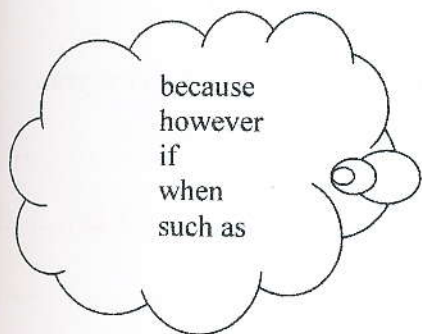
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(10 Marks)

Q 8. Fill the gaps with the appropriate linking words and complete the passage. You may use a word more than once.



A substance may be an element, a compound or a mixture. An element (1) nitrogen or iron cannot be broken down into simpler substances. (2) two or more elements combine, they form a compound.

When elements combine to form compounds, there is a chemical reaction. Some properties of the elements change (3) the chemical reaction. For example, the element chlorine (cl) is a poisonous yellow gas. Sodium (na), (4) is a soft silvery – white metal which reacts violently with water. (5) if these elements combine, they form sodium chloride or salt.

(6) substances are mixed without a chemical reaction, they do not change their properties (7) a mixture of sand and salt is yellowish – white in colour. It tastes (8) salty and gritty. (9) we put the mixture in water, the salt will dissolve, (10) it is soluble. But the sand will not dissolve.

(10 Marks)

