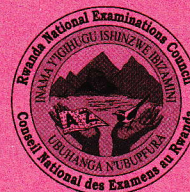


ENGLISH III

096

08 Nov. 2010 8.30 – 11.30



P.O. BOX 3817 KIGALI -TEL/FAX 586871

ADVANCED LEVEL NATIONAL EXAMINATIONS 2010

SUBJECT : ENGLISH

PAPER III

**COMBINATIONS : AGR, ART, CCF, COF, CSC, CSF, EIF, ELF, ETF,
FOR, HOF, IGF, INF, LAF, MAF, MEF, MGF, SEE,
SEF, TML, TOF, TPF, TSM, TSS, VTE, VTF.**

DURATION : 3 HOURS

INSTRUCTIONS

This paper consists of Sections **A, B** and **C**

Section A : Comprehension (20 marks)

Section B: Grammar and Phonology (40 marks)

Section C: Literature and Summary (40 marks)

Candidates must answer all questions according to instructions given

A. Comprehension and Vocabulary (30 marks)

Read the following text carefully and answer the questions that follow.

Computers to save millions of rats

If we overlook the fear of infectious diseases, there are many ways that the rat has proved man's best friend. The service it has rendered humankind has gone largely unrewarded. For, without the lives of countless millions of rodents sacrificed in the laboratories around the world, the progress of physiology may not have attained the advanced degree of scientific knowledge it boasts today; it has had a great and lasting benefit to humanity. However, from Sweden come very good tidings for the rats; and it has nothing to do with cheese. The computer is soon to save the rat from the vagaries of the scalpel.

The Biological Test Laboratory at the University of Gothenburg, on the West Coast of Sweden, has just pioneered a method of dissecting animals on the computer screen instead of physically doing it. A bloodless dissection that provides better results than those obtained before. 'Since the 1960s dissecting animals has been taken for granted and that applies to laboratories, all over the World,' says Professor Gunnar Berg, lecturer at the University of Gothenburg's Institute of Zoology. 'But today, students have a totally different option.'

Until now, aspiring biologists, in order to qualify have been compelled to dissect animals. Multimedia has provided this new technique, where research animals, numbering millions, will be saved.

'Today, the students dissect an animal one day in order to attend a lecture another day on how the blood-system functions. But with help from a computer, they can accomplish both at the same time, explains Christopher Schander, a computer-trained zoologist. 'When they cut up an animal on a computer screen and inspect the liver, they can simultaneously click on a film that delineates the blood-system.'

Schander has earlier worked at transferring reality into data (computer) programmes. Then it was to do with medical students that were studying the cerebral and nervous systems.

'We began by investigating how multimedia could be harnessed to improve methods of teaching and how one could avoid sacrificing animals on the altar of science,' says Gunnar Berg.

The Central Research Animals Agency took the bait and sanctioned 145,000 Sko, an adequate sum, to get the project underway.

Opened up animals are being photographed and the pictures fed into computer programmes.

'The great advantage for the students will be for them to be able to choose freely whatever aspect of anatomy they are required to study, organ by organ and do a cross reference comparison between animals,' says Schander. 'This is neither possible nor practical today. Usually one day one animal is dissected, the next day another one; and so on.'

'Another considerable advantage of computerized dissection will be that we'll no longer depend on the availability of the required animals, laboratories and equipment for dissection and subsequent study of organs.'

Comprehension(20 marks)

1. Answer true or false after each of the following statements. (1 mark each)

- i. rats are rodents:
- ii. the study of rats has helped man to understand science:
- iii. dissecting animals can be done with the help of computers:
- iv. the use of computers will contribute to save a lot of rats:
- v. students dissect animals during a lecture:

2. Choose the correct answer according to the text. (1 mark each)

- i. Rats have been used
 - a) in the study of botany
 - b) in the study of human anatomy
 - c) in the design of computers
 - d) to help sick people
- ii. Rats were used...
 - a) only in Sweden
 - b) only on the West coast of Sweden
 - c) in several countries
 - d) by a few universities
- iii. Using a computer to show the physiology of an animal was first used....
 - a) at the university
 - b) in laboratory
 - c) at the university of Gothenburg
 - d) in laboratories around the world
- iv. Dissecting an animal for the study of its organs is a common practice...
 - a) all over the world
 - b) in some universities



- c) in a few laboratories
- d) in specialized laboratories

- v. A computer makes it possible to ...
 - a) show an organ and how it functions
 - b) take photographs of animals
 - c) dissect an animal one day and attend a lecture another day
 - d) dissect an animal

3. Answer the following questions in your own words. (2 marks per each question)

- i. Give two names of scientists who have been involved in saving rats.
.....
- ii. What are the ways in which rats have saved mankind?
.....
- iii. How have computers contributed to improving the teaching?
.....
- iv. How was the process of dissecting an animal introduced into a computer?
.....
- v. In the sentence "but with help from a computer, they can accomplish both at the same time," what two things is Christopher referring to?
.....

4. Match the words in column A with their meaning in column B (10 marks)

A	B
i. Scalpel	a. news
ii. Compelled	b. Swedish currency
iii. Delineates	c. Is proud of
iv. Harnessed	d. Knife
v. Tidings	e. Forced
vi. Sko	f. Changes
vii. Vagaries	g. Explains
viii. Sanctioned	h. Used
ix. Rodents	i. Small animals
x. Boasts	j. approved



B. Grammar and Phonology (45 marks)

1. Choose the best answer to complete each of the following sentences. (15 marks)

- i) Here is a map. Show me
- a) where you were being b) where you were
c) where were you d) where you been
- ii) The bus has just left; we have arrived to catch it.
- a) so late b) very late
c) very much late d) too late
- iii) These scissors will not cut. Will you pass me?
- a) the other ones b) the other one
c) the other d) another one
- iv) Because his wife was..... he had her sent to a clinic.
- a) so poor health b) in a poor health
c) in such poor health d) in a such poor health
- v) I can see..... might come a time when he becomes Prime Minister.
- a) it b) that
c) they d) there
- vi) He was looking very ill yesterday. I was glad he seemed to day.
- a) more well b) very better
c) a little better d) much well
- vii) She said she would leave.....
- a. next day
b. tomorrow
c. after tomorrow
d. the following day
- viii) "How about going to the theater?"
"O.K., but I would rather.... a concert."
- a. to attend
b. attend
c. attending
d. have attended



- ix) John and Jack both get good grades, nonetheless John is ...of the two.
- the more talented
 - the most talented
 - more talent
 - most talented
- x) The girls were very late, but their father was....than they thought he would be.
- Much less angrier
 - much more angrier
 - much less angry
 - much less angrily
- xi . If Maria had got married when she was in Form 4, she.....at school.
- would never have stayed
 - never had stayed
 - never have stayed
 - will never have stayed
- xii. The nurse suggested.....in the corridor until called.
- us to sit
 - that we should sit
 - us sitting
 - us that we should sit
- xiii. You..... all that wine, only three people came.
- needn't to bring
 - needn't have brought
 - needn't bring
 - didn't need bring
- xiv. Are you looking forward ... on your vacation?
- you go
 - going
 - to going
 - to go
- xv. Because of the rain, people are calling to ask.... .take place.
- whether the match will
 - the match will
 - if or not the match will
 - will the match
- xvi. When I fainted in class, Anita told me that Ibreakfast before coming to school.
- should have
 - should have had
 - would have had
 - had had
- xvii. They said they didn't feel..... just yet.
- for eating
 - like to eat
 - for food
 - like eating
- xviii. Despite the hot debate, when the motion was put to vote, only one person was....it.
- opposed to
 - opposing
 - opposed against
 - opposed



- xix. Mary complained that it was a long time
- | | |
|--------------------------|--------------------------|
| a) when she saw me | b) when she has seen me |
| c) since she had seen me | d) since she has seen me |
- xx. The speaker said that in his view, criminal charges.....against dangerous drivers.
- | | |
|---------------------|----------------------|
| a) shall be brought | b) should be brought |
| c) should bring | d) should brought |

2. Use the correct tense of the verb in brackets (10 marks)

- i) The trees in the garden are very small. I (feel) happier if they (be) taller.

- ii) He said that the sound of thunder always (follow) the lightening flash and never comes before it.

- iii) When he (place) his ear against the stick, he heard a strange noise.

- iv) The valley would now be a desert if nothing (be) done.

- v) Peter is not used to (fly) air planes.

- vi) That part of the world was unknown in 1750 because no one (explore) it before then.

- vii) After the man (be) brought in the boat, Schweitzer (operate) on him.

- viii) Men (make) tools of bronze before iron was found.

3. Arrange the following items in normal English order to make a correct statement from each. (2 marks each)

- i. are, museum, we, to, tomorrow, the, going

- ii. father, car, ago, bought, years, a, few, my, a

- iii. sad, it, if, animals, all, would, very, were, be, the, exterminated

- iv. reserve, there, the, tourists, not, animals, visit, without, would, the, the

v. laws, the, black, in, there, lives, controlling, are, several, people,
of, country, the

.....

Phonology (5 marks)

1. One of the underlined sounds is pronounced differently. Answer by choosing the letter corresponding to it.

i. a) wrestle b) castle c) apostle d) pistle

ii. a) message b) measure c) page d) June

2. In each set of the following words, one word is stressed differently from the three others. Answer by choosing the letter corresponding to it.

i. a) sufficient b) comfortable c) sensible
d) necessary

ii. a) furniture b) margarine c) telephone
d) beginning

iii. a) accurate b) management c) remember
d) ancestor

C. Composition (25 marks)

Choose one of the following topics and write a composition on it.

Do not exceed 400 words. (25 marks)

1. Which foreign country would you like to visit, and why?
2. Describe the type of job you would like to do when you leave school.
3. Illiteracy is as dangerous to society as disease. Discuss.