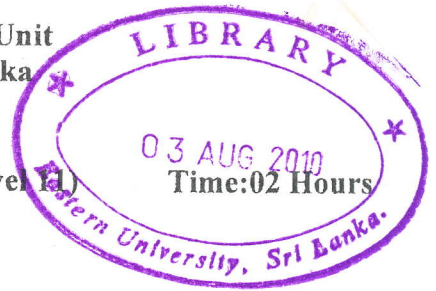


First Year Second Semester Examination in Agriculture – 2006/2007

External Degree
English Language Teaching Unit
Eastern University, Sri Lanka



Ex No: ENG 1201 English (Level I)

Answer questions on the paper itself

Write neatly and clearly.

Examiner's use only

Question Number	Maximum Marks	Marks Obtained
I	30
II	15
III	30
IV	25
Total	100

Examiner's Name :

Examiner's Signature :

Date :

Change the following active sentences into their corresponding passive forms. Don't change the tense and form of the given sentences while changing into passive.

Most Varsity students filled the application forms improperly.

.....

The Colombo Municipal Council launches a massive garbage bin distribution in the city of Colombo.

.....

The Government will set up coconut oil mills in North.

.....

The Sri Lankan Government with the help of Spain constructed three ultra modern ware houses to prevent wastage of fruits.

.....

Certain types of bacteria reside in the intestine cause increased appetite.

.....

[15 marks]

Fill in the blanks with suitable words given below. Don't use a word more than once.

Water borne diseases

Water borne diseases viral diarrhoea, dysentery, typhoid and viral hepatitis may be on the rise these days. Some water borne _____ are caused by bacteria, while other are caused by _____. According to Director, Epidemiology Unit, Ministry of Health these diseases show the same _____ as food poisoning. "The most common type of water borne disease that the public should look out for _____ viral diarrhoea" said Dr. Palihawadana.

Viral diarrhoea symptoms include loose _____, fever and abdominal pain. Viral _____ usually settles on its own. But vaccines are available for the type of diarrhoea caused by the Rota virus. Dr. Palihawadana advises that _____ should take in fluids as much as possible to prevent _____ and _____ easily digestible food without fibre and paracetamol for fever.

(vaccines, dehydration, is, motion, diseases, diarrhoea, viruses, symptoms, patients, take)

[15 marks]

2) Using the given adverb clauses write grammatically meaningful, correct sentences which of cause and effect.

- i. because :
- ii. since :
- iii. as long as :
- iv. as :
- v. due to the fact that :

[15 marks]

3) Read the text and answer all the question on it.

Food poisoning has become a major health hazard as of late. Mass cooked food spoils fast leading to food poisoning cases by the hundreds. This is most acute especially during hot days. He spoke to Dr. Karven J. Cooray, Consultant Microbiologist, MRI on food poisoning and how to prevent it. Food poisoning occurs due to the ingestion of food contaminated by bacteria, bacterial toxins, natural poisons or harmful chemicals. The Most common bacterial food borne pathogens are Salmonella, Staphylococcus aureus, Clostridium perfringens, Bacillus cereus and Shigella. The death in Matale was caused by Shigella food poisoning. "Signs and symptoms, the type of food, the mean incubation period – the time of ingestion to appearance of signs and symptoms- can provide clues as to which of these agents caused a particular type of food poisoning" said Dr. Karven J. Cooray.

Type of food

Food type can provide vital clues to reach a correct diagnosis of the type of food poisoning. For example Vibrio parhemolyticus food poisoning can be caused by ingestion of raw fish, Staphylococcus aureus by cream bun, Bacillus cereus through fried rice and Salmonella through raw meat. "Salmonella can be found in eggs, poultry, meat and meat products and can survive for long periods. Clostridium perfringens can be found mostly in dairy products, pasta, flour, poultry and vegetables. Food poisoning caused by this agent is mild and large numbers of cells have to be ingested to cause illness.

Signs and symptoms

Signs and symptoms can also shed light on the condition patients could be suffering from. "The two types of bacterial food poisoning" explained Dr. Cooray "Toxine mediated food poisoning- occur due to toxins produced by bacteria- and food poisoning caused by the multiplication of bacteria."

Bacteria in large amounts can make you sick". Signs and symptoms can differ according to the type of food poisoning. "Severe vomiting in many patients at once is an indicator of Staphylococcus aureus food poisoning, whereas no vomiting, no fever but slight abdominal pain in patients suggests Clostridium perfringens food poisoning." The Symptoms of toxin mediated Staphylococcus aureus food poisoning such as severe vomiting, abdominal pain and diarrhoea, occur during one to six hours of ingestion. In toxin mediated Clostridium perfringens food poisoning abdominal pain, diarrhoea and nausea sets in within 10 to 12 hours of ingestion. Nausea and vomiting occur during one to three hours of ingestion in case of toxin mediated Bacillus cereus Emetic type. The Bacillus cereus diarrhoea type display abdominal pain, diarrhoea, nausea and vomiting. Symptoms of multiplication type Salmonella food poisoning such as abdominal pain, diarrhoea, nausea, vomiting and fever set in within 12 to 36 hours. In Vibrio parhemolyticus watery diarrhoea and bleeding can occur within 12 to 24 hours. Symptoms of Clostridium botulinum such as ptosis (drooping of the upper eyelid), weakness, dryness of mouth and even paralysis can occur within 12 to 36 hours.

Incubation period

As Dr. Cooray explained that the incubation period can also be taken into consideration when making a diagnosis as to what type of food poisoning is concerned. If the incubation period is less than 30 minutes, it is likely to be a case of chemical poisoning. "Chemical poisoning can be either intentional or due to a chemical reaction between food and food containers" explained Dr. Cooray. If the incubation period is 30 minutes to six hours it is likely toxin mediated food poisoning and symptoms of food poisoning due to the multiplication of bacterial cells which usually occur from six to 48 hours.

What has become a major health problem?

Who is Dr. Karven?

How does food poisoning occur?

What provide clues as to which of the agents cause food poisoning?

What helps to diagnose the type food poisoning? Give an example.

What is the most common bacteria species found in dairy products?

Name the two types of bacterial food poisoning mentioned.

viii. What are the symptoms of *Clostridium sp.* food poisoning?

ix. In which case watery diarrhoea and bleeding can occur?

x. Why is incubation period important?

[20 marks]

b) As a student reading for a degree in Agriculture, write five preventive measures to control food poisoning in complete sentences.

[10 marks]

4) Assume that you want to apply for the post advertised in the Sunday Observer of 21st November 2010. Write a letter of application according to advertisement given below.



Ninehearts Imaging (Pvt) Ltd.

Ninehearts Group is a fast expanding, diversified group of companies servicing the Photographic, Photo Finishing, Graphic Art, Screen-Printing and Digital Imaging markets with an Islandwide customer portfolio and a network of 14 branches.

Here's an opportunity for energetic, innovative and efficient young individuals to be part of our success story.

MARKETING EXECUTIVES

We are looking for dynamic and dedicated young people to join our marketing team and undertake new marketing projects that will revolutionize the respective industries. Vacancies are available in our Screen Print Imaging, document Imaging and Large Format Imaging divisions.

The ideal candidate should be able to communicate in English and have a good education background. Successful experience with a clean track record in the field of marketing is essential.

If you are the right candidate, we offer you an attractive remuneration together with other incentives. Send in your c.v. and copies of recent testimonials, including the names of 2 non-related referees within 7 days to:

Managing Director

Ninehearts Imaging (Pvt) Ltd.

99 Stace Road, Colombo 14. E-mail: careers@ninehearts.com

