

UNIVERSITY OF SWAZILAND
FACULTY OF EDUCATION
PART-TIME CERTIFICATE IN ADULT EDUCATION
SUPPLEMENTARY EXAMINATION PAPER JULY, 2005

TITLE OF PAPER : **PROFESSIONAL ENGLISH II**

COURSE CODE : **CAE 206**

TIME ALLOWED : **THREE (3) HOURS**

INSTRUCTIONS : **ANSWER ALL QUESTIONS**

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BY THE INVIGILATOR**

SECTION A

Answer All question in this Section

Question 1

Read the passage and answer the following questions

1 Many unhappy farmers say that their soil would not even grow weeds but, if they look around
2 in the veld and bush, they will see hundreds of weeds growing healthily and vigorously in varied
3 and indifferent soils. The diagram “How plants are nourished”, illustrates the part man can play
4 in improving his soil.

5 There are three main ingredients which plants need and which manures and fertilizers can
6 supply. The first of these is the chemical, nitrogen (symbol N). The function of this chemical
7 is to promote growth and increase the final yields of crops. Phosphates (symbol P) give a good
8 start in life to crops and assist in strong root and shoot formation. Phosphates encourage the
9 early maturity of crops. The third ingredient, potash or potassium (symbol K), encourages
10 healthy growth and increases the resistance of plants to disease , drought and cold. Potash also
11 improves the quality of crops.

12 **Chemical Fertilizers:**

13 Chemical fertilizers which are available commercially contain various proportions of these
14 elements. For instance, the composition of compound X is 20N - 10P - 5K. The figures
15 represent the percentage of each chemical in the fertilizer. Compound X would be applied where
16 the soil is deficient in nitrogen because of the high nitrogen percentage it contains. Chemical
17 fertilizers are “inorganic” that is, they contain nothing which is living or has lived, such as
18 bacteria or other organisms. Soil itself, however, is a living substance and organic fertilizers
19 must be added to it at some stage to keep it alive and healthy.

20 Organic Fertilizers:

21 Manure and compost are organic fertilizers. They consist of decayed living matter, which, once
 22 back in the soil, gives it life. Although well-rooted manure and compost contain very low
 23 percentages of nitrogen, phosphates and potash, they are invaluable for building up the soil and
 24 replacing the natural goodness which plant life removes. For instance, the composition of
 25 average farm manure is 0,54N - 0,32P - 0,67K. It lacks actual chemical content but is high in
 26 life-giving organic matter. Natural fertilizers act much more slowly in the soil than chemically
 27 produced ones which are given a higher P and K content for quick results. The table below gives
 28 the food value to plants of organic manure.

	Nitrogen	Phosphate %	Potash %	Organic Matter %
Farm yard (mixed)	0,54	0,32	0,67	24
Cow	0,43	0,19	0,44	17
Horse	0,77	0,56	0,65	28
Pig	0,6	0,3	0,67	15
Poultry (air dried)	3,4	3,3	1,22	60
Poultry (fresh)	1,6	1,5	1,72	45
Garden Compost	0,66	0,6	1,12	29

Context Skills

1. Which word in paragraph two means roughly the same as “basic”? (1)
2. Nitrogen promotes growth. This means it _____ growth. Complete the sentence with a word of similar meaning. (1)
3. Give another word for “decayed” as used in the section on “Organic Fertilizers”. (1)
4. Do you think “invaluable” (line 23) means very valuable or not valuable? Why? (2)
5. Explain what “organic” means (line 26). (2)

6. Is manure an example of inorganic or organic matter? (1)
7. Are fertilizers examples of inorganic or organic matter? (1)
8. What does the phrase "indifferent soils" mean (line 3)? (2)

Comprehension Skills

1. What are the three main ingredients found in soil? (3)
2. How can we improve the quality of soil? (2)
3. Which of the three basic ingredients helps to develop the roots of a plant? (1)
4. What is the name of the chemical with the symbol K? (1)
5. What is the function of nitrogen in the growth of crops? (2)
6. Describe the characteristics of farm manure using information from the passage. (5)
7. Which manure has the greatest amount of natural life-giving matter according to the table? (1)
8. Which natural manure has the lowest chemical content? (1)
9. Give an example of organic matter which we can apply to the soil. (1)
10. Why do different fertilizers contain different proportions of the three basic ingredients?
Find the best answer. (1)
 - a) Different soils require different amount of these ingredients.
 - b) Most soils are deficient in all these chemicals.
 - c) Some chemicals are not found in the soil.
 - d) All fertilizers are compounds.

[30 MARKS]

SECTION B

QUESTION 2

A. Choose the correct answers to complete the sentence.

Example: After he _____ medicine for three years, he _____ it up.

- A. has studied/gave
- B. had studied/gave
- C. studies/gives
- D. has been studying/will give

After he had studied medicine for three years, he gave it up.

1. The blind man _____ a job in a factory but he _____ to accept it.

- a) is offered/refused
- b) offered/had refused
- c) had been offered/refused
- d) will be offered/refused

2. As soon as I _____ from him, I _____ you know the answer.

- a) heard/should let
- b) am hearing/shall let
- c) hear/shall let
- d) shall hear/let

3. The ship _____ to the dock when the fire _____ out.

- a) was towing/broke
- b) was being towed/broke
- c) had been towed/had broken
- d) had been towed/was breaking

4. When the police _____ , the robbers _____ .

- a) had arrived/had escaped
- b) arrived/escaped
- c) arrived/had escaped
- d) were arriving/had escaped

5. He _____ his flat if he _____ a good price.

- a) sells/is offered
- b) is selling/offers
- c) has sold/has been offered
- d) will sell/is offered

B. Fill in each blank with the correct tense of the verb in brackets.

Example: i) He told us he _____ (work) in a farm and we _____ (can) always visit him.

ii) He told us he worked in a farm and we could always visit him.

a) John _____ (work) in a bank when I met him two years ago.

b) The prisoners _____ (have) their morning exercise when they _____ (hear) the alarm.

c) The architect _____ (design) the building to allow for maximum ventilation.

d) She _____ (read) the newspaper and I _____ (write) a letter when Susan _____ (come) into the room.

e) When Joseph _____ (walk) home late in the night, someone _____ (pounce) on him and _____ (rob) him.

(10)

QUESTION 3

Combine each pair of sentences using and or but.

a) He tried to show off. No one was impressed.

b) Frank's best friend was the best man. Frank's sister was the bridesmaid.

c) Mr. Khan phoned his wife from the office. He told her to meet him in town.

d) John feels tired. He wants to read a little before he settles down to sleep.

e) He wanted a university education. He could not gain admission into any local university.

(10)

SECTION C

Read the extract carefully and answer the questions

QUESTION 4

There are many addictive drugs. Opium, a drug that comes from the poppy plant, is one. It gives the user a pleasant, floating feeling and a sense of well-being. Both opium and morphine, a derivative of it, are sometimes used by doctors to relieve severe pain. Heroin, a derivative of morphine, is one of the most common of the addictive drugs. The drug is sold as a white powder. Addicts sniff it or inject it under their skin or into their veins. The heroin addict keeps on taking the drug mainly to avoid the agony of withdrawal symptoms. Cocaine, a crystalline substance, comes from the leaves of the coca plant. It is sometimes used as local pain-killer. Barbiturates, which are commonly prescribed as sleeping tablets, are highly addictive.

- A.
 - i) Pick out and write the topic sentence of this paragraph. (2)
 - ii) Which method of paragraph development has been used here? (2)
 - iii) Write the two sentences that could be removed and still make no difference to the meaning of the paragraph. (6)

- B.
 - i) Why is summarizing a necessary skill? Give two reasons. (4)
 - ii) Mention two characteristics of a good summary. (6)

QUESTION 5

Do either A or B

- A. Develop a paragraph using one of the given topic sentences:
 - My neighbourhood is very peaceful.
 - Some bus passengers are inconsiderate.

- B. Write a letter to your mother/father explaining why you cannot come home for Christmas. (20 MARKS)