

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences
DIPLOMA IN ENVIRONMENTAL HEALTH
SUPPLEMENTARY EXAMINATION PAPER 2009.

TITLE OF PAPER : MEAT PARASITOLOGY

COURSE CODE : EHS 208

DURATION : 2 HOURS

MARKS : 100

INSTRUCTIONS :

- : ANSWER ALL FOUR QUESTIONS
- : EACH QUESTION CARRIES 25 MARKS.
- : WRITE NEATLY
- : BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.

DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR.

Question 1

- a) Discuss the post-mortem lesions of fascioliasis (in sheep & cattle). [15]
 - b) Explain the measures to be adopted in the control of fascioliasis in cattle, sheep and human [10]
- [25 Marks]**

Question 2

- a) How would you control dog tapeworms and their spread to humans? [5]
- b) Outline the life history for *Diphyllobotrium latum* [5]
- c) Describe the life cycle of *Taenia saginata* and show how it spreads to human. [10]
- e) Discuss the control methods that may be employed in the reduction of human Taeniasis. [5]

[25 Marks]

Question 3

- a. Show the ante-mortem and post-mortem signs of Heart water disease in goats. [15]
- b. Show the ante-mortem and post mortem signs of Anaplasmosis in cattle. [10]

[25 Marks]

Question 4

- a. How do hydatid cysts spread to man? [4]
- b. A health survey in the community of Mpuluzi has shown a high number of people infected with human tapeworms. As a health worker, how would you assist the community? [10]
- c. Show the pathological conditions exhibited by *Ascaris* sp. in food animals. [6]
- d. Write short notes on the condition known as "pimply guts". [5]

[25 Marks]