

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

DIPLOMA IN ENVIRONMENTAL HEALTH

SUPPLEMENTARY EXAMINATION PAPER 2010.

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). (20)
 - b) Explain the measures to be adopted in the control of fascioliasis in cattle and sheep. (5)
- [25 Marks]**

Question 2

- a) How would you control *Fasciola hepatica* and its spread to humans? (5)
 - b) Briefly explain the routine procedures for meat inspection for cattle in Swaziland. (15)
 - c) Outline the life history for *Diphyllobotrium latum* (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. What steps are required in the control of hydatid cysts disease? (5)
 - 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. What measures are necessary in the control of tickborne infection? (10)
- [25 Marks]**