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UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL
HEALTH AND PRODUCTION

ANHE 00123: INTRODUCTION TO VETERINARY PARASITOLOGY

STREAMS: CERT. ANHE

TIME: 2 HOURS

DAY/DATE: TUESDAY 11/04/2023

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer ALL questions in section A and any TWO in section B
- Do not write anything on the question paper

- Define the following terms [5 marks]
 - Parasite threshold number
 - Final host
 - Infection
 - Infestation
 - Intermediate host
 - List 5 types of anthelmintics, giving examples in each case. [5 marks]
- Name 2 genus of hard ticks [2 marks]
 - List three types of acaricides used in the control of ticks on cattle [3 marks]
- Highlight 4 economic importance of ticks [4 marks]
 - Giving examples, outline the effects of parasite infestation on a host [5 marks]
 - Highlight the adaptation of tapeworms for its survival in the host [4 marks]
- With examples, list the different phyla under which parasites are classified [5 marks]
 - Highlight 5 control measures for tsetse flies belonging to the genus Glossina [5 marks]
 - Name 2 diseases transmitted by ticks [2 marks]

SECTION B (30 MARKS)

6. (a) Explain the lifecycle of three host tick [8 marks]
(b) Explain what is parasitosis and factors that favors it in animals [7 marks]
7. (a) Discuss the possible ways of reducing fly infestation in a farm [5 marks]
(b) Explain the life cycle of cattle liverflukes [10 marks]
8. (a) Discuss the mechanical responses of the hosts towards parasite infestation [5 marks]
(b) Discuss how a parasite establishes in a host [5 marks]
(c) Discuss the pathogenesis of cutaneous myiasis of sheep [5 marks]
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