

CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION YIS1
ANHE 00214:PARASITOLOGY.

Instructions: Answer All Questions in section I and any two questions in section II.

SECTION I.

1. Define the following terms:
 - a) Helminth (2 mark)
 - b) Nemathehelminthes (2 mark)
 - c) Acanthocephala (2 mark)
 - d) Platyhelminthes (2 mark)
 - e) Parasitosis (2 mark)
 - f) Parasitiasis (2 mark)
 - g) Mange (2 mark)
 - h) Myiasis (2 mark)
2.
 - a) Describe the characteristics of the parasites in the class myriapoda.(3 marks)
 - b) Differentiate between hard tick and soft tick morphologically. (2 marks)
 - c) Describe the characteristics of the parasites in the class arachnida. (3 marks)
 - d) Describe the characteristics of the parasites in the class pentastomida. (3 marks)
 - e) State three ways ticks transmit diseases in livestock and give examples of disease transmitted in each. (6marks)
 - f) State the fleas that affect the following animals. (1 mark each)
 - i) dog
 - ii) chicken
 - iii) human
 - iv) cat
 - g) Describe the pathogenesis of sarcoptes mange (3 marks)

SECTION II.

3. State the seven species of hard ticks and in each indicate the disease they transmit in animals. (15 marks)
4. State the life cycle of Glossina and classify them based on where they are found and morphology. (15 marks)
5. State the pathogenesis, clinical signs and diagnosis of myiasis in sheep.(15 marks)