COURSE CODE:  HDC 2114
COURSE TITLE:  INTRODUCTION TO MEDICAL PARASTOLOGY AND ENTOMOLOGY
EXAM VENUE: HALL STREAM: Diploma Comm. Hlth & Dev
DATE:  EXAM SESSION:
TIME: 1.30 HOURS

Instructions:

1. Answer QUESTION ONE (Compulsory) and any other TWO QUESTIONS.
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.
SECTION A (30 MARKS)

1. Define the following(5mks)
   i. Parasitism
   ii. Commensalism
   iii. Host
   iv. Endoparasite
   v. Platyhelminthes

2. Differentiate the following (6mks)
   i. Trematodes and nematodes
   ii. Trophozoite and cyst
   iii. Accidental parasite and temporary parasite

3. a) What is the purpose of quality assurance in laboratory practice. (4mks)
   b) What do members of arachinida use as defense mechanism?(1mk)
   c) In which class of phylum arthropoda do the following belong.(3mks)
       i. spider
       ii. crab
       iii. grasshopper

d) Give one example of the following parasitic protozoa (3mks)

   i. apicomplexa
   ii. sacromatigophora
   iii. ciliophora

e) Name three methods of pest control.(3mks)

d) Give common names of the following (4mks)

   i. trichuris trichuria
   ii. enterobus verniculoris
   iii. ascaris lumbricoides
   iv. ancylostoma duodenal

g) what does amoeba use for locomotion(1mk)

SECTION B (40 MARS)

1. Discuss the classification, characteristics, life-cycle, epidemiology and control of sporozoa. (20mks)

2. a) Discuss the life –cycle of taenia. (10mks)
   b) Name the symptoms and explain the pathogenicity of schistosomes. (10mks)

3. Describe the causative agent and life-cycle of Trypanosomiasis. (20mks)

4. a) discuss the classification, epidemiology and control of Giardia lamblia. (7mks)
   b) Describe the life-cycle of Entamoeba histolytica. (13mks)