



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR THE AWARD OF THE**  
**DEGREE OF BACHELOR OF SCIENCE**  
**FIRST SEMESTER 2022/2023**  
**[SEPTEMBER-DECEMBER, 2022]**

**ZOOL 240: GENERAL PARASITOLOGY**

**STREAM: Y2 S1**

**TIME: 2 HOURS**

**DAY: WEDNESDAY, 9:00 – 11:00 AM**

**DATE: 07/12/2022**

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**INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer All question in section A and any other TWO questions in section B***

**SECTION A**

1. Parasites are of different kinds namely; obligate parasite, facultative parasite, accidental parasite and erratic parasite. Differentiate the above parasites giving example of each. (4marks)
2. Define the following terms as used in this unit, (6marks)
  - a. Reservoir host
  - b. Commensalism
  - c. Morphology
  - d. Conjugation
  - e. Syngamy
  - f. Schizogony
3. Elaborate on the effects of parasites on the host. (5marks)
4. Using a well labeled diagram morphologically differentiate between a trophozoite stage and the cyst stage of *Entamoeba histolytica*. (5marks)
5. What are some of the clinical features of Giardiasis. (5marks)

6. *Trichomonas vaginalis* has got a simple life cycle, discuss its' prevention and control measures. (5marks)
7. What are some of the economic importance of helminthes. (4marks)
8. Simply discuss the life cycle and clinical features of *Balantidium coli*. (6marks)

### **SECTION B**

1. Discuss the life cycle, pathogenesis and epidemiology of visceral leishmaniasis. (15marks)
2. Differentiate between African and American trypanosomiasis. (15marks)
3. *Plasmodium* parasite has got four major species, discussing its life cycle illustrate differences on its species. (15marks)