



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF MICROBIOLOGY
SECOND SEMESTER EXAMINATION,
2022/2023 ACADEMIC SESSION

COURSE TITLE: PARASITOLOGY

COURSE CODE: MCB526

UNIT: 3 UNITS

INSTRUCTIONS: Answer **FIVE (5)** questions in all. At least **ONE (1)** question must be answered in each section

Time Allowed: 2hr 30mins

SECTION A

1. Discuss onchocerciasis.
- 2(a). Name the stages in the life cycle of *Schistosoma haematobium*.
- 2(b). Describe the diseases that can be caused by *Entamoeba histolytica*.
3. Discuss the life cycle, pathology, diagnosis and control of a named intracellular protozoa.

SECTION B

1. Write short notes on the following;
 - i. *Giardia lamblia*
 - ii. *Paragonimus westermani*
 - iii. *Clonorchis sinensis*
2. Discuss parasite and host factors that influence parasitic infections.

SECTION C

- 1(a). Describe the life cycle of *Taenia saginata*.
- 1(b). In a tabular form, differentiate between the adult *Taenia solium* and *Taenia saginata*.
- 2(a). Describe the developmental stages of haemoflagellates.
- 2(b). Explain the pathogenesis of *Leishmania donovani*.