



CRAWFORD UNIVERSITY
FAITH CITY, IGBESA, OGUN STATE

2020/2021 HARMATTAN EXAMINATIONS

COLLEGE: NATURAL AND APPLIED SCIENCES

DEPARTMENT: BIOLOGICAL SCIENCES

PROGRAMME: MICROBIOLOGY

COURSE CODE: MCB 301

COURSE TITLE: BIOLOGY OF TROPICAL PARASITES

COURSE UNIT: 3

INSTRUCTION: ANSWER ANY FOUR QUESTIONS

TIME ALLOWED: 2 1/2 HRS

1. Classify *Entamoeba histolytica* 2 1/2 MKS
 - b. Briefly discuss the epidemiology of the parasite 5MKS
 - c. Highlight five controlling measures of the parasite 2 1/2 MKS
2. As a microbiologist in Tropical Africa and living in Nigeria, What will be the relevance of parasitology to Ado/Odo local government arm of the Ministry of health 10MKS
3. Discuss the life cycle of *Plasmodium species* 5MKS
 - b. Discuss five methods of current diagnostic techniques and five methods of preventing the disease caused by the parasite 5MKS
4. What is Host/Parasitic relationship? 5MKS
 - b. Using five examples explain how Host/Parasitic relationship works 5MKS
5. Parasites are living organisms of different species that are metabolically dependent on their host species. Discuss? 10MKS
6. Briefly describe the various types of vectors of Trypanosomiasis using their prevalence. 5MKS
 - b. List five methods of controlling the disease. 5MKS