



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja
Faculty of Health Sciences
Department of Environmental Health Sciences
2024 1 EXAMINATION

Course Code: EHS 303
Course Title: General Parasitology
Course Units: 2 Credit Units
Time Allowed: 1 ½ Hours
Total Score: 70 Marks

INSTRUCTION: Answer ALL the Questions

- 1a. Explain the Primary goal of comparing the phylogeny of a host and its parasite (8 marks)
- 1b. Define spatial relationships in parasite physiology (5 marks)
- 1c. what is tradeoffs in relation to parasite pathogenesis and virulence (7marks)
- 1d. What is parasite physiology? (5marks)
- 2a. Outline on the three main types of Parasites (6marks)
- 2b. Differentiate between Endoparasite and Epiparasite (8 Marks)
- 2c. List five (5) routes of infection of Parasite infections (5Marks)
- 2d. Outline the species of Schistosoma that causes infestation in man (6marks)
- 3a. List the species of Plasmodium that causes disease in humans (4 marks)
- 3b. Differentiate between sporogony and schizogony in relation to the life Cycle of Mosquito (6 Marks)
- 3c. Explain the term Parasite Pathology (5 Marks)
- 3d. State briefly the functions of vitamin A Supplement in the Treatments of Malaria infection (5Marks)