



**NATIONAL OPEN UNIVERSITY OF NIGERIA™**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**  
**Faculty of Health Sciences**  
**Department of Environmental Health Sciences**  
**2020\_2 EXAMINATION**

**Course Code: EHS303**

**Course Title: General Parasitology**

**Course Units: 2 Credit Units**

**Time Allowed: 2 Hours**

**Total Score: 70 Marks**

**INSTRUCTION: Answer ALL the Questions**

- 1a. Give a cogent reason in the comparison of a host and its parasite phylogeny. **(3 marks)**
- 1b. Discuss on the exhibition of spatial relationship in the Physiology of parasites. **(5 marks)**
- 1c. Explain Pathogenesis and Virulence in relation to parasites Trade-offs. **(7marks)**
- 1d. Describe the Physiology of parasites. **(5marks)**
  
- 2a. State three main types of Parasites **(6marks)**
- 2b. Highlight on the basic differences between Endoparasitism and Epiparasitism **(9 Marks)**
- 2c. Outline five (5) major transmission routes of parasite infection in humans. **(5Marks)**
- 2d. List the common species of schistosoma that are dangerous to humans. **(5 marks)**
  
- 3a. Enumerate the different Plasmodia species of medical importance. **(6 marks)**
- 3b. Sate the main differences between Schizogony and Sporogony in the transmission cycle of mosquitoes. **(6 Marks)**
- 3c. Discuss the Parasitic Pathology **(8 Marks)**
- 3d. Comment on the role of vitamin A Supplement in the Treatments of Malaria infection.

**(5Marks)**