



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2025_2 EXAMINATIONS

COURSE CODE: EHS303

COURSE TITLE: INTRODUCTION TO GENERAL PARASITOLOGY

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 1 ½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS

- 1 (a) Define *Plasmodium* and the life cycle of malaria parasite **10 marks**
- (b) Brief overview of malaria's impact on global health **5 marks**
- (c) What are the function of Vitamin A supplement? **5 marks**
- 2 (a) Discuss the symptoms, causes, transmission, diagnosis, management and prevention options for amebiasis.
- Symptoms **5 marks**
- Causes **5 marks**
- Transmission **5 marks**
- Diagnosis **5 marks**
- Prevention **5 marks**
- 3 (a) Write a short note on the evolutionary theory of virulence using the trade-off-based approach **5 marks**
- (b) Evaluate the role of chemotherapy in the prevention of parasitic diseases. **4 marks**
- (c) Give six (6) examples of worm parasites that causes helminth. **3 marks**
- (d) Mention six (6) symptoms of parasitic diseases **3 marks**
- (e) Clearly discuss the following terms:
- i. Pathogenesis **5 marks**
- ii. Parasite physiology **5 marks**