



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI - ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE**  
**2025\_1 EXAMINATION**

**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) Discuss the strategies used for:  |                 |
| i. diagnosing parasitic infections  | <b>4 marks</b>  |
| ii. treatment of parasitic infections   | <b>4 marks</b>  |
| iii. prevention of parasitic infections   | <b>6 marks</b>  |
| <br>  |                 |
| (b) i. Itemize the three (3) main types of parasites and give three (3) examples each | <b>6 marks</b>  |
| <br>  |                 |
| (c) Describe the following diseases;  |                 |
| i. Lung fluke   | <b>5 marks</b>  |
| ii. Mansonellosis   | <b>5 marks</b>  |
| <br>  |                 |
| 2 (a) i. What is nodding syndrome?  | <b>3 marks</b>  |
| ii. List any two (2) onchocerciasis hyperendemic areas they are stated or reported    | <b>2 marks</b>  |
| <br>  |                 |
| (b) Explain the life cycle of onchocerciasis.   | <b>8 marks</b>  |
| <br>  |                 |
| (c) State any 8 symptoms of onchocerciasis.   | <b>8 marks</b>  |
| <br>  |                 |
| 3 (a) Describe the life cycle of Schistosomiasis with the aid of a diagram only       | <b>10 marks</b> |
| <br>  |                 |
| (b)i. Highlight the species that cause infestation in men in respect to 3a above      | <b>5 marks</b>  |
| ii. Where and when, and by whom it was first discovered.                              | <b>3 marks</b>  |
| <br>  |                 |
| (c) Define a parasite and state the three (3) fast facts on parasites.                | <b>6 marks</b>  |