



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF MICROBIOLOGY
COURSE TITLE: MEDICAL PARASITOLOGY
COURSE CODE: MCB 526 (3 units)
SECOND SEMESTER EXAMINATION, 2016/2017 ACADEMIC
SESSION

Instruction: Answer five (5) questions with at least two questions from each section

Time allowed: 2¹/₂ Hours

SECTION A

- 1(a). Identify and discuss at least three factors that promote the spread of helminthic diseases in Nigeria
- 1(b). For each factor in (1a) above suggest public health measures for overcoming them

- 2(a). Discuss the importance of each of the underlisted concepts to the study of parasites
 - (a) Morphology
 - (b) Geographical distribution
 - (c) Diagnosis
 - (d) Life cycle
 - (e) Host-Parasite interaction

3. Identify a parasitic disease for which haematuria is a key symptom and discuss it under the following headings
 - (a) Transmission
 - (b) Pathology
 - (c) Prevention
 - (d) Control

SECTION B

4. In a tabular form under the following headings compare Bancroft filariasis and River blindness:
 - (i) Parasites
 - (ii) Symptoms
 - (iii) Transmission
 - (iv) Prevention
 - (v) Treatment

5. Discuss malaria and its transmission in an Urban Slum
6. Describe the various classical methods used in the diagnosis of parasitic infections
- 7(a). Name two examples each of the important groups of parasitic protozoa
- 7(b). In what ways is the environment important in the transmission of parasitic disease?