



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: BIO406
COURSE TITLE: PARASITOLOGY AND IMMUNOLOGY

TIME: 2 HOURS

CREDIT UNIT: 2

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER THREE (3) QUESTIONS

- 1a. What do you understand by the term immunity? (3 marks)
- b. Explain the concept of passive immunity. (10 marks)
- c. Write **short notes** on the following:
 - i. Artificially acquired active immunity (4 marks)
 - ii. Naturally acquired passive immunity (4 marks)
 - iii. Artificially acquired passive immunity (4 marks)
- 2a. List the constituents of gamma globulin. (3 marks)
- b. Explain the four types of traditional vaccines. (4x3=12 marks)
- 3a. Define an infection. (3 marks)
- ii. Account for the variables that will determine the outcome of the inoculation of a host by a pathogen. (4 marks)
- b. Summarize the concept of immune system. (8 marks)
4. List and explain **any 3** examples of infection. (5x3= 15marks))
- 5a. Define the term autograft.
- b. Account for the evidence to show that graft rejection is immunological. (12 marks)
- 6a. In a tabular form, compare the different types of hypersensitivity. (15 marks)