



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF HEALTH SCIENCES
SEPTEMBER/OCTOBER 2015 EXAMINATION

Course Title –	Basic Anatomy and Physiology of Human Body	HEM704
Credit Unit:	2	
Time:	1½ hours	
Total Score:	70 marks	
Instruction:	Answer all questions.	

QUESTION 1

Using appropriate examples, discuss the 6 types of Organic Proteins.(5 marks for each correct answer; Total 30 marks)

QUESTION 2

- a. Write and explain the formula of respiration.(5 marks)
- b. Differentiate between Cytology and Histology using some examples.(5 marks)
- c. Explain briefly the two stages of heart beat (5 marks for each stage correctly explained. (10 marks)

QUESTION 3

- a. Using two examples each, differentiate between two types of blood that are associated with the heart. (4marks)
- b. Differentiate between the two major types of Channels in the cell membrane.(4 marks)
- c. Explain briefly the four main types of hypersensitive immune reactions of the immune system. (8 marks; 2 marks for each correct explanation)
- d. Use examples and explain what you understand by innate immunity.(4 marks)