



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

**SCHOOL OF HEALTH SCIENCES**

**COURSE CODE:** HEM 704  
**COURSE TITLE:** Basic Anatomy and Physiology of Human Body

**TIME:** 1½ hours  
**INSTRUCTION:** Answer ALL questions.

**QUESTION 1**

1a. Explain what you understand by the term Homeostasis? (2 marks)

1b. Explain briefly the functions of the following:

- i). Integumentary System
- ii). Bone marrow,
- iii). Sebaceous glands
- iv). Cardiovascular system. (4 marks)

1c. Discuss briefly six types of organic proteins. (24 marks)

**QUESTION 2**

**Discuss in details the bones of the body (20 marks)**

**QUESTION 3**

Use some examples and discuss the functions of the skin. (20 marks)