



## **BONDO UNIVERSITY COLLEGE**

### **UNIVERSITY EXAMINATIONS 2012/2013 FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF COMMUNITY HEALTH AND DEVELOPMENT AND PUBLIC HEALTH**

#### **BUC**

**COURSE CODE: HCD3111**

**TITLE: INTRODUCTION TO ANATOMY**

**DATE: 10/12/2012**

**TIME: 8.00-10.00AM**

**DURATION: 2 HOURS**

#### **INSTRUCTIONS**

- 1. This paper contains TWO sections**
- 2. Answer ALL questions in section A (Compulsory) and ANY other Two questions form section B**
- 3. Write all answers in the booklet provided**

**Section A: Answer ALL Questions (Total 30 marks)**

1. Define anatomy and physiology (3 mks)
2. Describe anatomical position (3mks)
3. Circumduction is a combination of? (3 mks)
4. Draw a well labeled diagram of an animal cell (3 mks)
5. Name the 3 types of T-cells (3 mks)
6. List the bones that form the facial bones of the skull (3 mks)
7. Draw a well labeled diagram of a female reproductive system (3 mks)
8. How are white blood cells classified (3 mks)
9. Name the 5 tonsils in the body (3 mks)
10. What are the functions of spleen (3 mks)

**Section B: Answer any TWO Questions (20 marks each)**

1. Describe the difference between a prokaryotic and eukaryotic cell (20 mks)
2. A. Draw a well labeled diagram of the scapular (20 mks)  
B. what are the functions of bone
3. A. using a well labeled diagram, describe a nephron (20 mks)  
B. what are the functions of urinary system
4. Describe the components of blood, giving the function of each (20 mks)

