

**UNIVERSITY OF JAFFNA, SRILANKA**  
**EXAMINATION FOR ALLIED HEALTH SCIENCES DEGREES**  
**BASIC SCIENCES – FIRST YEAR FIRST SEMESTER – JULY 2013**  
**AHSBA 1103 - BASIC ANATOMY**  
**PAPER II**

**Date: 30.08.2013**

**Time: 2 hours**

**Answer all six questions**

**Answer EACH PART in separate answer book**

**Part A**

1. Write briefly with diagrams
  - 1.1 Mitosis (40 Marks)
  - 1.2 Adipose tissue (30 Marks)
  - 1.3 Microscopic appearance of compact bone (30 Marks)
  
2.
  - 2.1 Briefly describe the different types of neurons (40 Marks)
  - 2.2 Write short notes on cerebrospinal fluid (30 Marks)
  - 2.3 List three functions of amniotic fluid (15 Marks)
  - 2.4 List five teratogens that cause congenital anomalies (15 Marks)

**Part B**

3. Write short notes on the following
  - 3.1 Bones and joints of thoracic cage (40 Marks)
  - 3.2 Fallopian tube (40 Marks)
  - 3.3 Waldeyer's ring (20 Marks)
  
4. Describe the following
  - 4.1 Blood supply of the stomach (40 Marks)
  - 4.2 Extrahepatic biliary system (60 Marks)
  
5.
  - 5.1 Describe the relations of heart (40 Marks)
  - 5.2 List the contents of spermatic cord (20 Marks)
  - 5.3 Outline the venous drainage of the upper limb (40 Marks)

**Part C**

6. Write notes on
  - 6.1 Structural adaptations of conducting portion of respiratory system for its functions (40 marks)
  - 6.2 Numerical chromosomal abnormalities (60 marks)