

Reg.No:

**First Year B.Sc MLT Degree Supplementary Examinations,
August 2016**

ANATOMY & PHYSIOLOGY

(2010 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all questions. Draw diagrams wherever necessary.
- Write **SECTION A** and **SECTION B** in separate answer books(32 Pages). Do not mix up questions from section A and section B.

QP CODE:101012

Section A – ANATOMY

Marks:50

Essay

(10)

1. Describe the heart under the following headings
 - Surface Anatomy
 - Blood supply of the heart

(2+8 = 10)

Short notes

(5x5=25)

2. Pituitary gland
3. Ventricles of the brain
4. Bronchopulmonary segments
5. Pancreas
6. Synovial joints

Answer briefly

(5x3=15)

7. Retina
8. Palatine tonsil
9. Facial nerve
10. Male urethra
11. Brachial artery

QP CODE:102012

Section B – PHYSIOLOGY

Marks:50

Essay

(10)

1. Define glomerular filtration rate and what is the normal value. Describe factors regulating GFR. Enumerate steps in urine formation.

(3+4+3=10)

Short notes

(5X5=25)

2. Temperature regulation
3. Define synapse and describe the types of synapse
4. Functions of Hb
5. Platelets
6. Functions of middle ear

Answer briefly

(5x3=15)

7. Pregnancy tests
8. Diuretics
9. Functions of bile
10. Cerebrospinal fluid
11. Phases of respiration
