

First Year B.Sc MLT Degree Supplementary Examinations, April 2015

ANATOMY & PHYSIOLOGY

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 in detail the blood supply and nerve supply of heart

(5+5=10)

Short notes

(5x5=25)

2. Cartilages and its classification
3. Mediastinum
4. Structure of skin
5. Thyroid gland
6. Urinary bladder

Answer briefly

(5x3=15)

7. Fetal and adult skull.
8. Spleen
9. Diaphragm
10. Seminiferous tubules
11. Cornea

QP CODE:102012

Section B – PHYSIOLOGY

Marks:50

Essay

(10)

1. Describe the functional anatomy of respiratory system. Explain the transport of oxygen in blood

(4+6=10)

Short notes

(5X5=25)

2. Refractive errors of eye
3. Functions of hypothalamus
4. Cardiac cycle
5. Water reabsorption in renal tubules
6. Mechanisms of coagulation of blood

Answer briefly

(5x3=15)

7. Insulin
8. Functions of bile
9. Lumbar puncture
10. Pregnancy tests
11. Erythropoietin
