

First Year B.Sc MLT Degree Examinations, September 2014

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 the respiratory system under the following headings:

- Parts
- Relations
- Microscopic anatomy of lungs
- Broncho pulmonary segments

(2+3+2+3=10)

Short notes

(5x5=25)

2. Liver
3. Synovial joint
4. Microscopic structure of kidney
5. Prostate
6. Right atrium

Answer briefly

(5x3=15)

7. Fallopian tube
8. Tibia
9. Neuron
10. Vermiform appendix
11. Deltoid muscle

QP CODE:102012

Section B – PHYSIOLOGY

Marks:50

Essay

(10)

1. Define blood pressure. Explain the short term regulation of blood pressure. Describe any one method of determination of blood pressure

(2+5+3=10)

Short notes

(5X5=25)

2. Oxygen dissociation curve
3. Pain pathway
4. Water re-absorption in renal tubule
5. T-lymphocytes
6. Deglutition

Answer briefly

(5x3=15)

7. Pregnancy test
8. Parathormone
9. Plasma proteins
10. Functions of placenta
11. Presbyopia