

First B.Sc MLT Degree Supplementary Examinations, March 2013

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. Do not mix up questions from Section A and Section B.

QP CODE:101012

Section A- ANATOMY

Marks:50

Essay

(10)

1. Describe respiratory system under following headings

- parts
 - Position and relations of right lung
 - microscopic anatomy of lung and trachea
 - broncho-pulmonary segments
- (2+2+4+2=10)

Short notes

(5x5=25)

2. Liver
3. Synovial joint
4. Testis
5. Spinal cord
6. Tongue

Answer briefly

(5x3=15)

7. Atrioventricular node
8. Appendix
9. Fallopian tube
10. Microscopic anatomy of large artery
11. Lymph node

QP CODE:102012

Section B – PHYSIOLOGY

Marks:50

Essay

(10)

1. Define cardiac cycle by giving the normal values of time of each phase. Add a note on arterial pulse

(6+4=10)

Short notes

(5X5=25)

2. T lymphocytes
3. Functions of platelets in hemostasis
4. Mechanism of inspiration
5. Smooth muscle
6. Deglutition

Answer briefly

(5x3=15)

7. Glucagon
8. Draw the path way of pain from left foot
9. Primary active transport
10. Test for pregnancy
11. Ear ossicles