

[LH 0815]

AUGUST 2015

Sub. Code: 5001

**B.Sc. MEDICAL LABORATORY TECHNOLOGY
FIRST YEAR
PAPER I – HUMAN BIOLOGY**

Q.P. Code : 725001

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. State the location of adrenals and its functions.
2. Discuss in detail the events of menstrual cycle.
3. Discuss in detail the process of urine formation.

II. Write Notes on:

(8 x 5 = 40)

1. Salivary glands and their secretion.
2. Pulmonary circulation.
3. Structure of sperm.
4. Structure of lymph gland.
5. Ventricles of brain.
6. Thyroid hormones and their role in body.
7. Structure of skin.
8. Types of epithelia.

III. Short Answers on:

(10 x 3 = 30)

1. List membranous organelles of cells.
2. Phases of Meiosis.
3. Classification of bones.
4. Types of Muscle tissue.
5. Name meningeal layers.
6. Name three exocrine glands.
7. Constituents of plasma.
8. Components of biliary system.
9. Name respiratory organs leading to lung.
10. Name the valves of heart.
