

[LK 0217]

FEBRUARY 2017

Sub.Code: 2701

**B. OPTOM**  
(New Syllabus 2015-2016)

**FIRST YEAR**

**PAPER I – GENERAL ANATOMY, GENERAL PHYSIOLOGY AND  
BASIC BIOCHEMISTRY**

*Q.P. Code: 802701*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Structure and Functions of Nephron.
2. Thyroid function and its associated disorders.
3. Classify Immunoglobulin's with its functions.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Cardiac cycle.
2. Diabetes Mellitus.
3. Pathway of Taste.
4. Histology of skin and its appendages.
5. Blood supply of stomach.
6. Electrophoresis.
7. Biologically important peptides.
8. Calcium regulation and its disorders.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Functions of Hypothalamus.
2. Obesity.
3. Mention the different lung volumes.
4. Wald's visual cycle.
5. Parts of the ear.
6. Cartilage and its function.
7. Different parts of eye.
8. Essential fatty acid.
9. Structure and function of salivary gland.
10. Structure of neuron.

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