

**B.Sc. (Nursing) DEGREE EXAMINATION**  
(New Regulations for the candidates admitted from 2006-07 onwards)

**FIRST YEAR**  
**PAPER I – ANATOMY & PHYSIOLOGY**

*Q.P. Code: 664701*

**Time : Three Hours**

**Maximum : 75 Marks**

**Answer Section A and Section B Separately**

**SECTION - A**  
**(ANATOMY)**

**I. Elaborate on:** (1 x 12 = 12)

1. Name the different Endocrine Glands present in the Human Body.  
Describe in detail the anatomy of the Thyroid Gland.

**II. Write notes on:** (3 x 5 = 15)

1. Classification of bones with examples.
2. Anterior and posterior relations of both the Kidneys.
3. Pharynx.

**III. Short answers on:** (5 x 2 = 10)

1. Name the arteries supplying the stomach.
2. Draw a neat labelled diagram of the section of eye ball.
3. Name the different organs of male reproductive system.
4. Name the structures passing through the hilum of right lung.
5. Name the muscles for intramuscular injection.

**SECTION - B**  
**(PHYSIOLOGY)**

**I. Elaborate on:** (1 x 13 = 13)

1. Write in detail the mechanism of urine formation.

**II. Write notes on:** (3 x 5 = 15)

1. Blood grouping.
2. Functions of female sex hormones.
3. Refractive errors of eye.

**III. Short answers on:** (5 x 2 = 10)

1. Mention two uses of ECG.
2. Name the two enzymes that help in the digestion of proteins.
3. Two functions of cerebellum.
4. Muscle tone.
5. Name the muscles for inspiration and expiration.