

**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. Enumerate the organs of digestion. Describe in detail about stomach.

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

1. Urinary bladder.
2. Blood supply of brain.
3. Right atrium of the heart.

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

1. Name the branches of arch of aorta.
2. Name any four applied anatomy of pleura.
3. Coverings of eye ball.
4. Varicose vein.
5. Mention the types of muscle.

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

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

1. Define blood pressure. Explain the factors regulating blood pressure in detail.  
Add note on hypertension.

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

1. Properties of skeletal muscle.
2. Hypoxia and its types.
3. Functions of Hypothalamus.

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

1. Functions of stomach.
2. Secretion of posterior pituitary gland and its functions.
3. Dead space.
4. Active transport.
5. Different types of taste.