

[LL 1010]

AUGUST 2017

Sub. Code: 4701

**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 different special sensory organs of the human body. Describe in detail about eye.

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

1. Urinary bladder – parts, surfaces, ligaments.
2. Arterial supply of heart.
3. Blood supply and applied anatomy of stomach.

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

1. Name the major openings of diaphragm.
2. Name the different organs of female reproductive system.
3. Name the lobes of cerebrum.
4. Name the different organs of respiratory systems.
5. Name the different lymphatic organs of the body.

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

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

1. Define erythropoiesis. Describe in detail about the stages of erythropoiesis. Add a note on maturation factors.

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

1. Conducting system of heart.
2. Functions of skin.
3. Composition and function of saliva.

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

1. Synapse.
2. Define osmosis.
3. Define respiratory unit.
4. Functions of sertoli cells.
5. What is myopia? Name the corrective lens used for myopia.

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