

[LM 1010]

FEBRUARY 2018

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. Write in detail about the lymphatic organs.

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

1. Blood supply to heart.
2. Cerebellum.
3. Support of uterus.

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

1. Name the muscles of tongue.
2. Median cubital vein.
3. Ear ossicles.
4. Name the covering of the brain.
5. Name the parts of pancreas.

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

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

1. What is calcium homeostasis? Explain the role of parathyroid hormone in calcium homeostasis? Add a note on tetany.

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

1. Briefly explain the conductive system of the heart.
2. Lung volumes.
3. Composition and functions of cerebro-spinal fluid.

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

1. Mention any two functions of blood.
2. List out any four functions of liver.
3. Rigor mortis.
4. Mention any two functions of skin.
5. Mention any two functions of testosterone.

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