

[LE 1010]

FEBRUARY 2014

Sub. Code: 4701

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

First Year

**Paper I – ANATOMY AND PHYSIOLOGY**

*Q.P. Code : 664701*

**Time : Three hours**

**Maximum : 75 marks**

**Answer Section A and Section B SEPARATELY.**

**SECTION A**  
(ANATOMY)

**I. Essay: (1x12=12)**

1. Name the endocrine glands and describe about the thyroid gland in detail.

**II. Write Notes on : (3x5=15)**

1. Classification of bones
2. Cerebellum
3. Vermiform appendix

**III. Short Answer Questions: (5x2=10)**

1. Costodiaphragmatic recess.
2. Parts of pituitary gland.
3. Transitional epithelium
4. Median cubital vein
5. Coverings of eye ball

**SECTION B**  
(PHYSIOLOGY)

**I. Essay: (1x13=13)**

1. Write in detail the regulation of Respiration. Define Tidal volume and vital capacity.

**II. Write Notes on: (3x5=15)**

1. Classification and functions of leukocytes
2. Conducting system of the heart
3. Deglutition

**III. Short Answer Questions: (5x2=10)**

1. Name the plasma proteins
2. Define Glomerular Filtration rate
3. Mention two functions of neuroglia
4. Write two functions of Kidneys
5. Name the two enzymes that help in the digestion of proteins

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