

Seat no : \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF NURSING**

Enrolment no \_\_\_\_\_

**BSc Nursing (Basic ) January -2020 Examination**

**Year 1**

**Subject Code : 09101101**

**Subject Name : Anatomy and Physiology**

**Date: 20/01/2020**

**Time : 10:00am to 01:00pm**

**Total marks : 75**

**Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Draw diagrams wherever necessary.
4. Write section - A and section –B on separate answer sheets.

**SECTION A (37 Marks)**

Q-1. Long essays (any one out of two ) ( 1 x 10 ) (10)

1. Explain Nervous system with a neat labelled diagram.
2. Describe Heart in detail with a neat labelled diagram.

Q -2. Short essays ( any three out of five ) ( 3 x 5 ) (15)

1. Pituitary gland
2. Systemic circulation
3. Skin
4. Structure of Eye
5. Pharynx

Q- 3. Short answers ( 6 x 2 ) (12)

1. Larynx
2. Cerebellum
3. Platelets
4. Contents of cell
5. Types of bone
6. Parts of Nephron

**SECTION B (38 Marks)**

Q- 1. Long essay ( any one out of two ) ( 1 x 10 ) ( 10)

1. Explain Blood and its contents, functions of Blood and Mechanism of Blood coagulation.
2. Write a neat labelled diagram of Liver and explain its functions.

Q -2. Short essay ( any four out of six ) ( 4 x 5 ) ( 20)

1. Physiology of Thyroid gland.
2. Mechanism of urine formation.
3. Functions of Brain.
4. Functions of Kidney.
5. Conduction system of Heart.
6. Draw and label Visual pathway.

Q- 3. Short answers ( 4 x 2 ) (08)

1. Cranial nerve
2. Functions of WBC
3. Functions of Growth hormone
4. Functions of bone