

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

**B.Sc. Nursing (Basic), September - 2022 Examination**

Year: 1

Date: 05/09/2022

Subject Code: 09101101

Time: 02:00pm to 05:00pm

Subject Name: Anatomy &amp; Physiology

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 separate sections on separate answer sheets.

**SECTION A (37 MARKS)****Q-1 Long Essays (Any one out of two) (1x 10) (10)**

1.Explain in detail about any one organ of Digestive system with well labeled diagram and list out disorders related to the digestive system.

OR

2.Describe in details about Anatomy of Heart With well labeled Diagram.

**Q-2 Short Essays (Any three out of six) (3 x 5) (15)**

- 1.Classify Nervous system and write notes on Neurons
- 2.Expaline in details cell, structure and functions
- 3.List out Male reproductive organs and explain in details about Testis
- 4.Describe Lungs in details.
- 5.Draw Diagram of Eyeball and briefly Explain its Parts
- 6.Classification of bones and write note on structure of bone

**Q-3 Short Answers (6 x 2) (12)**

- 1.List out cranial nerves
- 2.List out Female External and internal Genital Organs
- 3.Write Down Any two disorders of upper respiratory system
- 4.The ureters are the tubes that carry urine from \_\_\_\_\_ to the \_\_\_\_\_
- 5.List out the hormones which is secreted from endocrine system
- 6.Abbreviation: a) FSH b) CSF c) TSH

**SECTION B (38 MARKS)****Q-1 Long Essays (Any one out of two) (1x 10) (10)**

1.Write in details about mechanism of urine formation

OR

2.Define blood pressure. Write the normal values. Explain long term regulation of blood pressure. Write significance of systolic and diastolic blood pressure.

**Q-2 Short Essays (Any four out of seven) (4 x 5) (20)**

- 1.Mensrual Cycle
- 2.ABO System
- 3.Function of liver
- 4.Cycle of breathing
- 5.Function of White blood cells
- 6.Directions of blood flow through heart
- 7.Immunity

**Q-3 Short Answers (4 x 2) (08)**

- 1.Name of the different types of muscle tissue
- 2.Pulse
- 3.Uses of ECG
- 4.List out types of reflexes