

PARUL UNIVERSITY
FACULTY OF NURSING
B.Sc. Nursing (Basic), August – 2019 Examination

Year: 1
Subject Code:09101101
Subject Name: Anatomy and Physiology

Date:05/08/2019
Time:10:00amTo1:00pm
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, section-B on separate answer sheets.

SECTION A (37 MARKS)

- Q-1 Long Essays (Any one out of two) (1x 10) (10)**
1. Briefly explain circle of willis. **10**
 2. a. Define cell **2**
b. Explain cell cycle **8**
- Q-2 Short Essays (Any three out of six) (3 x 5) (15)**
1. Systemic circulation
 2. WBC
 3. Structure of ear
 4. Muscles
 5. Nephron
 6. Structure of Long bone
- Q-3 Short Answers (6 x 2) (12)**
1. Skin appendages
 2. Pituitary gland
 3. Structure of stomach
 4. Bronchial tree
 5. Lymph nodes
 6. Gastric ulcer

SECTION B (38 MARKS)

- Q-1 Long Essays (Any one out of two) (1x 10) (10)**
1. Location, Structure, Blood supply and Nerve supply of heart
 2. Functions of Kidney
- Q-2 Short Essays (Any four out of seven) (4 x 5) (20)**
1. Cardiac conduction system
 2. Functions of small intestine
 3. Structure and functions of Adrenal gland
 4. Growth hormone
 5. Female reproductive structure
 6. Functions of Lungs
 7. Physiology of Thyroid gland
- Q-3 Short Answers (4 x 2) (08)**
1. Meninges
 2. Liver secretions
 3. Pineal gland
 4. Structure of Testes