

**MEDICAL****[BSCN 1221]****DECEMBER 2021  
(AUGUST 2021 SESSION)****Sub. Code: 4718****B.Sc. (Nursing) DEGREE EXAMINATION  
(New Regulations for the candidates admitted from 2006-07 onwards)  
SECOND YEAR  
PAPER III – PHARMACOLOGY, PATHOLOGY AND GENETICS*****Q.P. Code: 664718*****Time : Three Hours****Maximum : 75 Marks****Answer Section A and Section B Separately****SECTION - A  
(PHARMACOLOGY)****I. Elaborate on: (1 x 15 = 15)**

1. Define Diuretics, classify them. Mechanism of action of Loop Diuretics. Short notes on Urinary Acidifiers.

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

1. Mechanism of anti-septic action.
2. Anti-platelets with examples.
3. Drugs used in bronchial asthma treatment.

**III. Short answers on: (4 x 2 = 8)**

1. Explain Broad Spectrum Antibiotics?
2. Define Acetyl Choline.
3. Write any four Opioid Analgesics.
4. Name four Calcium Channel Blockers.

**SECTION - B  
(PATHOLOGY AND GENETICS)  
PATHOLOGY****I. Elaborate on: (1 x 15 = 15)**

1. Explain the method of collection of Blood, Plasma, Serum for various Clinical, Pathological and Microbial Tests.

**II. Write notes on: (2 x 5 = 10)**

1. Wound healing.
2. Pathology of Peptic Ulcer.

**GENETICS****I. Write notes on: (2 x 5 = 10)**

1. Dysmorphisms.
2. Human genome project.

**II. Short answers on: (1 x 2 = 2)**

1. Huntington's disease.