

[LP 1019]

**AUGUST 2019**

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)

- a) Classify antihypertensive drugs.
- b) Mode of action for Angiotensin Converting Enzyme inhibitors.
- c) Adverse effects, contraindication, nursing implication, Indication and dose of Captopril.

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

1. Explain the mechanism of action, therapeutic uses and nursing implication of Diazepam.
2. Explain the indication, dose, adverse effect and nursing implication of Zidovudine.
3. Explain the indication, dose, adverse effect and nursing implication of Frusemide.

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

1. Name any two antiepileptic drugs.
2. Name any two antipruritics.
3. Name any two Siddha and Ayurvedic preparation with their indication.
4. Write any four indications for Dexamethasone.

**SECTION - B**  
**(PATHOLOGY AND GENETICS)**  
**PATHOLOGY**

**I. Elaborate on:** (1 x 15 = 15)

1. Describe in detail about types of shock. Write in detail about etiological factors, pathogenesis and morphological change in septic shock.

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

1. Write in detail about Bronchiectasis.
2. Types of anemia and write about iron deficiency anemia.

**GENETICS**

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

1. Classify Mendelian disorder and discuss the features of any one type of autosomal disorder.
2. Klienfelter's Syndrome.

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