



**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. Classify Adrenergic Drugs. Therapeutic Uses and Mode of Action of Adrenergic Drugs. Adverse Effects, Contraindication, Drug Interaction and dose of Adrenaline.

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

1. Explain the Indication, Dose, Adverse Effect and Nursing Implication of Metronidazole.
2. Explain the Indication, Dose, Adverse Effect and Nursing Implication of Bisacodyl.
3. Write about the Classification, Indication and Nursing Implication for Oral Hypoglycemic Drugs.

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

1. Name any two Nasal Decongestants.
2. Name any two Opioid Antagonists.
3. Define Bio-Availability.
4. Name any four uses of Povidone Iodine.

**SECTION - B**

**(PATHOLOGY AND GENETICS)**

**PATHOLOGY**

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

1. What is Cholelithiasis? Write in detail about Etio-pathogenesis, Clinical signs, Symptoms and Types of Cholelithiasis.

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

1. Write in detail about septic shock.
2. Estimation of bleeding time and clotting time.

**GENETICS**

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

1. Down syndrome.
2. Genetic counselling and its issues.

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

1. Methods of sex determination.

