

NADU Dr. . MEDICAL**[BSCN 0825]****AUGUST 2025****Sub. Code: 4718****B.Sc. (Nursing) DEGREE EXAMINATION
(Regulation 2006-2007 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. a) Define and classify Anti-Hypertensive. (6)
- b) Write in detail about the mechanism of action, uses and adverse effects of β - Blockers.(5)
- c) Nurse's responsibilities in managing high risk Cardiac patients. (4)

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

1. Write in detail about Anti-Tubercular drugs.
2. Therapeutic uses of Amoxicillin.
3. Explain about Insulin.

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

1. Name four Anti-psychotics.
2. Define Pharmacodynamics.
3. Adverse effects of Benzodiazepines.
4. Name any two H₂ blockers.

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

1. Define Shock. What is the Classification? Write in detail about the pathogenesis of Cardiogenic shock.

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

1. Embolism.
2. Emphysema.

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

1. Eugenics.
2. Klinefelter syndrome.

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

1. Write about two Prenatal diagnostic test.
