

NADU . MEDICAL**[BSCN 0824]****AUGUST 2024****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) Classify Oral Hypoglycaemic Agent (OHA).
- b) Write in detail about the mechanism of action, uses and adverse effects of Metformin.
- c) Roles and responsibilities of nursing staff in managing hypoglycaemia.

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

1. Write in detail about sulphonamides.
2. Local Anaesthetics.
3. Classify with examples – anticonvulsants.

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

1. Name four anti-histamines.
2. Write the different routes of drug administration.
3. Name four antifungal drugs.
4. Name four anti-arrhythmic drugs.

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

1. Define Jaundice. What is the etiological classification? Write in detail about the etiopathogenesis of Hepatitis.

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

1. Cellular adaptation.
2. Arthritis.

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

1. Marfan syndrome.
2. Down syndrome.

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

1. Define In-born errors. Give an example.
