

February 2012

[LA 1019]

Sub. Code: 4718

B.Sc (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)

Second Year**Paper III – PHARMACOLOGY, PATHOLOGY, GENETICS****Q.P. Code : 664718****Time : Three hours****Maximum : 75 marks****Answer ALL questions.****Answer Section A and Section B SEPARATELY.****SECTION A****(PHARMACOLOGY)****I. Elaborate on:** (1X15=15)

1. a) List the various Routes of Drug administration with examples.
- b) Write four advantages of oral and intravenous Route.
- c) Write eight factors that affect the action of Drugs.

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

1. Drugs of Bronchial asthma.
2. Drugs used in Hypertension.
3. Therapeutic uses of Aspirin.

III. Short Answer: (4X 2 =8)

1. Name two drugs used in Malaria.
2. Name first line anti Tuberculosis drug.
3. Name two drugs used in Peptic ulcer.
4. Name two diuretics with Mechanism of action.

SECTION B**(PATHOLOGY AND GENETICS)****PATHOLOGY****I. Elaborate on:** (1X15=15)

1. Define Jaundice. Mention some of the causes and laboratory findings seen in a jaundiced patient. Write briefly about Hepatitis B.

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

1. Infective Endocarditis.
2. Fate of a thrombus.

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

1. Down syndrome.
2. Prenatal diagnosis.

II. Short Answer: (1X 2 =2)

1. Mention two differences between mitosis and meiosis.
