

[LI 1019]

FEBRUARY 2016

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 ALL questions****Answer Section A and Section B Separately****SECTION A - (PHARMACOLOGY)****I. Elaborate on:****(1 x 15 = 15)**

1. a) Classify local Anaesthetics.
- b) Write the mechanism of action, uses and adverse effects of Lignocaine.
- c) Discuss Lignocaine as anti-arrhythmic agent.

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

1. Omeprazole.
2. Topical antifungal agents.
3. Drugs used in cough.

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

1. Name two anti-viral agents.
2. Mention two uses of Nitroglycerine.
3. Define pro-drug with an example.
4. Mention two uses of oral contraceptives.

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

1. Define and classify Inflammation. What are the signs of Inflammation?
Discuss Phagocytosis and killing.

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

1. Primary complex.
2. Gangrene.

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

1. Genetic counselling.
2. Erythroblastosis fetalis.

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

1. Name two screening tests for detecting congenital abnormalities.
