

[LK 1019]

FEBRUARY 2017

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 Section A and Section B Separately

**SECTION A**  
**(PHARMACOLOGY)**

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

1. a) Classify Anti-hypertensive agents.
- b) Write the mechanism of action, uses and adverse effects of calcium channel blockers.

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

1. Helicobacter pylori treatment.
2. Succinyl choline and its uses.
3. Oral contraceptives.

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

1. Name any four uses of morphine.
2. Mention the first line drugs in the treatment of tuberculosis.
3. Define synergism with example.
4. Mention two uses of fibrinolytics.

**SECTION B**  
**(PATHOLOGY AND GENETICS)**  
**PATHOLOGY**

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

1. Define Shock. What are types of shock? Discuss the stages and clinical features of shock.

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

1. Factors affecting wound healing.
2. Causes of anemia.

**GENETICS**

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

1. Down syndrome.
2. Name five autosomal dominant disorders.

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

1. Barr body.

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