

[LJ 1019]

AUGUST 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 Section A and Section B Separately**

SECTION A
(PHARMACOLOGY)

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

1. a) Enumerate the various routes of administration of drugs with advantages and disadvantages of parenteral route.
- b) Write a note on Biotransformation.

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

1. Write about different kinds of Shock. Mention briefly about its management.
2. Frusemide as a diuretic.
3. Selective Serotonin Reuptake Inhibitors (SSRI).

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

1. Treatment of methotrexate toxicity.
2. Name any four nasal decongestants.
3. Difference between vaccine and sera.
4. Define counter irritant and name two examples.

SECTION B
(PATHOLOGY AND GENETICS)
PATHOLOGY

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

1. Describe the causes of cell injury and describe in detail about role of ATP in cell injury.

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

1. Differences between benign and malignant tumour with suitable examples.
2. CSF – indication, collection and analysis of CSF.

GENETICS

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

1. Theory of Mendelian inheritance, write briefly about autosomal dominant disorder with suitable example.
2. Hydrops fetalis.

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

1. Causes for spontaneous abortion.
