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[LQ 1019] **FEBRUARY 2020** 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 sedatives and hypnotics.
   b) Mechanism of action and uses of diazepam.
   c) Management of diazepam poisoning.

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

1. Role of captopril in hypertension.
2. Mechanism of action and uses of ofloxacin.
3. Anti-thyroid agents.

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

1. Mention two uses of adrenaline.
2. Define dependence with example.
3. Mention the uses of acidifiers with example.
4. Name two anti-emetic drugs.

SECTION - B
(PATHOLOGY AND GENETICS)
PATHOLOGY

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

1. What is inflammation? Write a detailed account on the cellular events of inflammation and its mediators.

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

1. Bronchitis.
2. Cirrhosis liver.

GENETICS

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

1. Pre-natal screening for developmental delay.
2. Gene therapy.

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

1. Name two autosomal recessive disorders.

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