

B.Sc.(N) [2nd Year]

BF/2016/03

Pharmacology, Pathology, Genetics

[New Scheme w.e.f. 2006]

Time : 3 Hours

Max Marks : 75

Note: USE SEPARATE ANSWER SHEET FOR EACH SECTION.

SECTION-A [PHARMACOLOGY]

[38 Marks]

Note: Attempt all questions.

1. (i) (a) Explain Pharmacodynamics. [4]
(b) Enumerate Benzodiazepines along with their therapeutic uses and adverse effects. [3]
(c) Write briefly about rational uses of drugs. [3]

OR

- (ii) (a) Name Antiretroviral drugs along with their mechanism of action and adverse effects. [4]
(b) First Pass Metabolism. [3]
(c) Enumerate Anti- Cholinergic drugs along with their uses. [3]
2. (a) Enumerate Oral Anti- diabetic drugs along with their adverse effects and uses. [4]
(b) Role of nurses in the administration of Insulin. [3]
(c) Role of nurse in administration of Morphine. [3]
3. Write short notes on [any **SIX**] of the following : [6x3=18]
(a) Different routes of Drug Administration.
(b) Antiamoebic Drugs.
(c) Intravenous Anaesthetic Agents.
(d) Fluro Quinolones.
(e) Chloroquine.
(f) Oral Anticoagulants.
(g) Vitamin A preparation and their uses.
(h) Name Antihistamines and write their therapeutic uses.

SECTION-B [PATHOLOGY]

[37 Marks]

1. (a) Write differences between Benign and Malignant Tumours. [3]
(b) Describe Physical Examination of Urine. [3]
(c) Discuss Prothrombin Time (PT). [4]
2. Write Explanatory Notes on any **FIVE** of the following : [5x3=15]
(a) Pulmonary Tuberculosis (b) Rheumatic Heart Disease
(c) Laboratory diagnosis of Meningitis (d) Carcinoma of Endometrium
(e) Blood Grouping & Cross-Matching (f) Renal Cell Carcinoma
(g) Wound Healing

[GENETICS]

[12 Marks]

3. Write short notes on any **FOUR** of the following: [4x3=12]
(a) Mitosis and Meiosis. (b) Prenatal Nutrition and Food allergies.
(c) Sex Linked Inheritance. (d) Genetic Counselling along with Legal and Ethical Issues.
(e) Genetic Haemochromatosis. (f) Screening for Genetic Abnormalities.
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