



HAY-020103

Seat No. _____

Second Year Basic B. Sc. (Nursing) Examination

July - 2017

Pharmacology, Pathology & Genetics

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) No. to the right side indicates marks.
- (2) Write answers to the point
- (3) Attempt part of a question at one place.
- (4) Draw diagram wherever it's necessary.

SECTION - I

- | | | |
|----------|---|----------------|
| 1 | Long Essay : (Any 1 out of 2) | 1×15=15 |
| 1. | a. Define Infection & Inflammation. | 2 |
| | b. Classify Antibiotics with examples & explain about penicillin. | 7 |
| | c. Describe in detail about Cephalosporins. | 6 |
| | OR | |
| 2. | a. Define Pharmacodynamics & Pharmacokinetics. | 2 |
| | b. Explain principles & routes of drug administration. | 7 |
| | c. Discuss pharmacology of Diuretics ? | 6 |
| 2 | Short Essay : (Any 3 out of 5) | 3×5=15 |
| | 1. Antiarrhythmic drugs | |
| | 2. Drug interactions | |
| | 3. Insulin & Insulin analogues | |
| | 4. Mucolytics | |
| | 5. Drugs for drug resistant tuberculosis | |
| 3 | Short Answers : (Any 4 out of 6) | 4×2=8 |
| | 1. Drugs used in CPR | |
| | 2. Atropin | |
| | 3. List down any four opioid analgesics | |
| | 4. ADH | |
| | 5. List down any three otic & optic preparations | |
| | 6. Give four examples for intravenous anesthetics | |

SECTION – II

1 Write Essay on Pulmonary Tuberculosis. **10**

OR

1 Write Essay on Benign & Malignant Neoplasm. **10**

2 Write Short Notes on : (Any **Three**) **15**

(a) Transudate & Exudate

(b) Wound healing by Primary-Union

(c) Aschoff Body

(d) Peptic Ulcer: common sites & morphology

(e) CSF finding in Pyogenic & Tuberculous Meningitis

(f) Prothrombin Time.

3 Answer in Brief **12**

(a) Mitosis & Meiosis

(b) Karyotype of Klinefelter Syndrome

(c) Karyotype of Turner Syndrome

(d) Karyotype of Down Syndrome

(e) Mutation

(f) Role of Nurse in Genetic service & counselling.