

[LQ 0220]

FEBRUARY 2020

Sub. Code: 1411

**B.Sc. CARDIO PULMONARY PERFUSION CARE TECHNOLOGY**

**SECOND YEAR**

**PAPER I – PHARMACOLOGY, PATHOLOGY AND CLINICAL  
MICROBIOLOGY**

*Q.P. Code: 801411*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Explain oral hypoglycemic drugs in diabetes mellitus.
2. Describe renal failure and its pathology.
3. Elaborate on the physical methods of sterilization.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Bronchodilators.
2. Frusemide.
3. Calcium channel blockers.
4. Atherosclerosis.
5. Nephrotic syndrome.
6. Pathology of myocardial infarction.
7. General principles of disinfection.
8. Gastrointestinal tract infections.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Antihistamine drugs.
2. NSAIDs.
3. Opioids.
4. Renal calculi.
5. Diabetic ketoacidosis.
6. Celecoxib.
7. Antibodies and their types.
8. Plasmids.
9. Distinguish sterilization and disinfection.
10. Alkalosis.

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