

[LP 0819]

AUGUST 2019

Sub. Code: 2714

B.OPTOM
(New Syllabus 2015-2016)

SECOND YEAR

PAPER IV – PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY

Q.P. Code: 802714

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. What are antibiotics? Classify β -lactum antibiotics and write its mechanism.
2. Describe in detail Moist heat sterilization.
3. Describe in detail about different techniques of giving local anaesthetics in the eye.

II. Write notes on:

(8 x 5 = 40)

1. Adverse drug effects with examples.
2. Describe the growth requirements of bacteria.
3. Mechanism of action of Biguanides.
4. Retinoblastoma.
5. Describe the morphology of bacteria with a neat labeled diagram.
6. Pathogenesis of retinal detachment.
7. Inhalational Anesthetics.
8. Iron deficiency anaemia.

III. Short answers on:

(10 x 3 = 30)

1. Eye lesions of leprosy.
2. Blood agar.
3. Pterygium.
4. Immunity.
5. Flagella.
6. Analeptics.
7. Biotransformation with example.
8. Polycythemia.
9. What are anti-coagulants? Give two examples.
10. Drugs used for treating leprosy.
