

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0424]

APRIL 2024

Sub. Code: 2744

B.OPTOM

SECOND YEAR (Regulation 2018-2019 onwards)

PAPER IV – PATHOLOGY, MICROBIOLOGY AND PHARMACOLOGY

Q.P. Code: 802744

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain in detail about tumors of eyelids.
2. Discuss in detail about the various Sterilization techniques.
3. What are Anti-biotics? Discuss the various types of Anti-biotics.

II. Write notes on:

(8 x 5 = 40)

1. Corticosteroids.
2. Classify sedatives and hypnotics.
3. Mechanism of action of NSAIDs.
4. Organo phosphorus poisoning and its treatment.
5. Chlamydial infections of the Eye.
6. Nosocomial infections.
7. Anti-diuretics - Indications.
8. Hypertensive Retinopathy.

III. Short answers on:

(10 x 3 = 30)

1. Optic perineuritis.
2. Lymphogranuloma venerium.
3. Name the oral antidiabetic drugs.
4. Name the types of immunoglobulins.
5. Identification techniques for bacteria.
6. Scleritis and Episcleritis – How will you differentiate between the two?
7. Types of anemia.
8. Ocular toxicity of ethyl alcohol.
9. Anti-hypertensive agents.
10. Pharyngo conjunctival fever.
