

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

[AHS 0423]

APRIL 2023

Sub. Code: 1631

**DIPLOMA IN OPHTHALMIC NURSING ASSISTANT/
DIPLOMA IN OPHTHALMIC ASSISTANT
FIRST YEAR (Regulations 2014-2015 & 2017-2018 onwards)
PAPER I – OCULAR ANATOMY, OCULAR PHYSIOLOGY, OCULAR
PHARMACOLOGY & MICROBIOLOGY
*Q.P. Code : 841631***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (3 x 10 = 30)

1. Define Sterilization. Explain Dry Heat and Moist Heat Sterilization.
2. Routes of Drug Administration in Eye.
3. Anatomy of Uveal Tract.

II. Write notes on: (10 x 5 = 50)

1. Eye Lids.
2. Binocular Single Vision.
3. Life cycle of Bacteria.
4. KOH mount.
5. Ocular movements.
6. Bones of Orbit.
7. Vital stains used in Ophthalmology.
8. Different Mydriatics, their indications and contraindications.
9. Tests for Colour vision.
10. Classify Bacteria by Morphology.

III. Short answers on: (10 x 2 = 20)

1. Name two Gram Positive Bacteria.
2. Two conditions where Atropine Eye drops are used?
3. Name two Antiviral drugs.
4. Name two Anti-glaucoma medications.
5. Name two NSAID.
6. Contraindication of Topical steroid.
7. 4th Cranial nerve.
8. Vitreous Humor.
9. Drugs used for Ocular Anaesthesia.
10. Name two Anti-Allergic drops.
