

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

[AHS 0321]

MARCH 2021

Sub. Code: 1631

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN OPHTHALMIC NURSING ASSISTANT/

DIPLOMA IN OPHTHALMIC ASSISTANT

FIRST YEAR (Regulation 2014-2015 & 2017-2018)

**PAPER I – OCULAR ANATOMY, OCULAR PHYSIOLOGY, OCULAR
PHARMACOLOGY, OCULAR MICROBIOLOGY**

Q.P. Code : 841631

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Extra Ocular Muscles : Origin, Insertion, Nerve supply, Action.
2. Visual Pathway.
3. Anatomy of Cornea.

II. Write notes on:

(10 x 5 = 50)

1. Classify anti-glaucoma medications by mechanism of action.
2. Mydriatics and Miotics.
3. Classify Bacteria by (a) Shape, (b) Arrangement, (c) Staining property.
4. Life Cycle of Bacteria.
5. Antifungal drugs.
6. Uveal Tract.
7. Broad classification of antibiotics with example.
8. Method of instilling eye drops.
9. Structure of Crystalline Lens.
10. Tests for colour vision.

III. Short answers on:

(10 x 2 = 20)

1. Name two NSAID.
2. Contraindications of topical steroid.
3. Name two antiviral drugs.
4. Name two lubricating Eye drops.
5. Tonometer.
6. Role of Microbiology.
7. Methods of sterilization.
8. Contraindications of phenylephrine.
9. Vital Stains.
10. Uses of Fluorescein stain in ophthalmology.
