

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

[MS 0524]

MAY 2024

Sub. Code: 4012

M.S. DEGREE EXAMINATION

BRANCH III – OPHTHALMOLOGY

**PAPER IV – RECENT ADVANCES IN OPHTHALMOLOGY
AND COMMUNITY OPHTHALMOLOGY**

Q.P. Code: 224012

Time: Three Hours

Maximum: 100 Marks

Elaborate on:

(2 x 15 = 30)

1. National prevention and control of blindness.
2. Recent advances in glaucoma surgeries and glaucoma drainage devices.

II. Write notes on:

(10 x 7 = 70)

1. Biologicals in ophthalmology.
2. Optical coherence tomography angiography.
3. Nano technology in drug delivery system.
4. School screening program.
5. Preventable blindness.
6. Descemet stripping endothelial keratoplasty.
7. Orbital prosthesis.
8. Preservation of donor cornea.
9. Botox in ophthalmology.
10. Fine needle aspiration cytology.
