

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

[AHS 0423]

APRIL 2023

Sub. Code: 1537

DIPLOMA IN OPTOMETRY TECHNOLOGY
SECOND YEAR (Regulations 2014-2015 & 2018-2019 onwards)
PAPER II – OCULAR DISEASES II, OPTICAL INSTRUMENTS,
OP INVESTIGATIONS & REFRACTIVE SURGERIES
Q. P. Code: 841537

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on:

(3 x 10 = 30)

1. Management of various types of Corneal Ulcer.
2. Describe in detail about any five methods of slit lamp illumination techniques.
3. Explain in detail about the different types of Refractive surgeries.

II. Write notes on:

(10×5=50)

1. Optic atrophy.
2. Retinoblastoma.
3. Spring Catarrah.
4. Principle and optics of Direct Ophthalmoscope.
5. Explain the stages of Hypertensive Retinopathy.
6. Corneal Topography.
7. Vitreous opacities.
8. Accommodative Esotropia.
9. What is Retinoscopy? Give short notes on Streak Retinoscopy.
10. Maddox wing.

III. Short answers on:

(10×2=20)

1. ETDRS chart.
2. Bjerrum's screen.
3. Define Ophthalmic neonatorum.
4. Phacolytic glaucoma.
5. What are the symptoms and signs of Iritis?
6. Papilloedema.
7. Amblyopia.
8. What are the factors affecting Intra Ocular Pressure?
9. Retinal Artery Occlusion.
10. What is IPD and Name the instrument used to measure IPD?
