

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

M.D. DEGREE EXAMINATION – July 2021

OPHTHALMOLOGY

PART II: PAPER II: RECENT ADVANCES IN OPHTHALMOLOGY

Time: Three hours

Total Marks : 100

Answer ALL questions

SECTION - A

Write essay on : (1 x 20= 20)

1. Describe in detail recent advances in diagnosis and management of dry eye.

Write short notes on : (5 x 6 =30)

2. Deep Endothelial Keratoplasty.
3. Confocal laser scanning microscopy.
4. Use of biological agents in ophthalmology.
5. Micro incisional cataract surgery (MICS).
6. Vitreous substitutes.

SECTION - B

Write essay on : (1 x 20= 20)

7. Recent advances in diagnosis and management of primary open angle
Glaucoma.

Write short notes on : (5 x 6 = 30)

8. Stem cell therapy in oculo disorders.
9. Accomodating IOLS.
10. Vital stains in macular hole surgery.
11. Use of Optical Coherence Tomography (OCT) in ocular disorders.
12. Uses of immunomodulators in ophthalmology.
