

Sl.No. M22413

Course Code : 2760101

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

**POST GRADUATE DIPLOMA IN OPHTHALMOLOGY
EXAMINATION – July 2020**

PART I - PAPER I

BASIC SCIENCES IN OPHTHALMOLOGY

Time: Three hours

Maximum: 100 marks

Answer any **TEN** questions
Each question carries ten marks
Draw suitable diagram wherever necessary

1. Describe the anatomy of the lens.
2. Describe the layers of retina in detail.
3. Describe the factors maintaining the corneal transparency.
4. Describe the theories of accommodation.
5. Describe in detail Krebs' cycle.
6. Describe the metabolism of vitreous.
7. Describe cycloplegics and mydriatics.
8. Principles of cortico steroid therapy.
9. Histology of squamous cell carcinoma and basal cell carcinoma.
10. Describe the corneal dystrophics.
11. Discuss the various types of antigen antibody reactions.
12. Cysticercosis.
