

QP Code: 101153

Reg. No.:.....

PG Degree Examinations in Ophthalmology (MS) April 2018

Paper I - Basic Sciences Applied to Ophthalmology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay: (20)

1. Discuss the factors responsible for maintaining corneal transparency

Short Essays: (8x10=80)

2. Describe the anatomy of the orbit and the spaces within. Mention the clinical significance.
3. Blood aqueous barriers and their applied importance
4. Briefly discuss one most important theory of colour vision. Briefly describe about colour vision tests.
5. Discuss the congenital optic nerve anomalies with neurological associations.
6. Discuss the histopathology of retinoblastoma
7. What is binocular single vision. What are the tests to assess stereopsis
8. Chemical composition of tear film
9. Forced duction test
