

QP Code: 101153

Reg. No.:.....

**PG Degree Supplementary Examinations in Ophthalmology (MS)
October 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 anatomy and actions of extra ocular muscles of the eye

Short Essays: (8x10=80)

2. Anatomy of cornea and reasons for its transparency
3. Principles of retinoscopy
4. Discuss intra vitreal injections
5. Basic concepts of Schiötz and Goldmann's applanation tonometers
6. Metabolism of retina
7. Enumerate various cultures and smears in infective keratitis
8. Principles and types of keratometers
9. Theories of colour vision
