

QP Code: 101153

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in
Ophthalmology (MS) June 2020**

Paper I - Basic Sciences Applied to Ophthalmology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe the metabolism of the human crystalline lens. Discuss the factors which maintain its transparency.

Short Essays:

(8x10=80)

2. Optics of slit lamp bio-microscope
3. Cross cylinder
4. Hypersensitivity in the eye
5. Factors that maintain intraocular pressure
6. Anatomy of macula
7. Anatomy of superior orbital fissure.
8. Fitting of soft toric contact lenses
9. Histopathology of malignant melanoma of choroid
