

**QP Code: 101153**

**Reg. No.:.....**

**PG Degree Examinations in Ophthalmology (MS) - May 2017**

**Paper I - Basic Sciences Applied to Ophthalmology**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Discuss the aqueous dynamics and describe the aqueous outflow pathway in detail.

**Short Essays:**

**(8x10=80)**

2. Discuss the pathology of basal cell carcinoma of the eyelid
3. Anatomy and blood supply of the optic nerve head
4. Discuss the causes of diplopia and mention the ways to assess it.
5. Corneal topography and its significance
6. Histocompatibility antigens
7. Donders' reduced eye
8. Mention the blood ocular barriers and their clinical significance
9. Mention the origin, insertion and nerve supply of levator palpebrae superioris. Add a note on its applied importance.

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