

**QP Code: 101153**

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

**PG Degree Supplementary Examinations in Ophthalmology (MS)  
November 2021**

**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 microscopic anatomy of retina. Write about the metabolism of retina.

**Short Essays:**

**(8x10=80)**

2. Maintenance of corneal transparency.
3. Discuss the bio-chemical aspects of cataract development.
4. Histopathology of malignant melanoma.'
5. Anti fungal drugs used in ophthalmology.
6. Ocular manifestations of cysticercosis.
7. Staphylococcal lesions in the eye.
8. Pathology of rhabdomyosarcoma of orbit.
9. Axonal transport in optic nerve and its importance.

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