

**QP Code: 101153**

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

**PG Degree Supplementary Examinations in Ophthalmology (MS)  
January 2024**

**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. Discuss the anatomy of pupillary reflex pathway. Describe any four abnormal pupillary reactions in detail.

**Short Essays: (8x10=80)**

2. Rosettes and Fleurettes
3. Wald's cycle
4. Lacrimal pump mechanism
5. Mucormycosis
6. Role of PCR in ophthalmology
7. Theories of colour vision
8. Balanced salt solution
9. Neural crest cells

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