



RAN-2406100201010501

Master of Surgery (Ophthalmology) Examination September - 2025

Paper - I (Set - 1)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Master of Surgery (Ophthalmology)

Name of the Subject :

Paper - I (Set - 1)

Subject Code No.: 2406100201010501

Seat No.:

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Student's Signature

- (2) Sketch neat and labeled diagram wherever necessary.
(3) Figures to right indicate full marks of the question.
(4) All questions are compulsory.

- Q. 1.** Discuss anatomy and development of the macula. Enumerate the macular function tests, what are Method of assessment of macular thickness? Describe appearance of macula in fundus Fluorescein Angiogram (FFA) **(10+5+5+5)**
- Q. 2.** Describe Structure and physiology of tear film, with methods to evaluate tear film disorders. Discuss Clinical features, evaluation and management of Meibomian gland disease. **(10+10+5)**
- Q. 3.** Discuss physiology of aqueous humour production and drainage. What is relationship between central corneal thickness and IOP measurement? What is blood aqueous barrier? **(15+5+5)**
- Q. 4. Write short notes on**
- a. Discuss various materials and designs of intraocular lenses **(9)**
- b. What is Scheimpflug's principle? How is it useful in Ophthalmology? **(8)**
- c. Cyclosporin **(8)**