

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – JULY 2005**SUBJECT: PAPER I: APPLIED BASIC SCIENCES**

Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.**
 - ✍ Write answers that are brief, clear, relevant and legible.**
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Describe the Anatomy of cornea. How is corneal transparency maintained?
(30 marks)
2. Discuss development of Binocular vision. How do you assess vision in a child?
(30 marks)
3. Write short notes on:
 - 3A. Uveoscleral outflow.
 - 3B. Schematic Eye.
 - 3C. Staphylococcus.
 - 3D. Titmus Fly Test.

(10×4 = 40 marks)

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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – JULY 2005**SUBJECT: PAPER II: DISEASES OF THE ANTERIOR SEGMENT AND ADNEXA,
SQUINT AND PAEDIATRIC OPHTHALMOLOGY**

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.**
 - ✍ Write answers that are brief, clear, relevant and legible.**
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Describe clinical features, aetiopathogenesis, complications and management of Pars Planitis.

(30 marks)

2. A 60 year old man is found to have Intraocular tension of 25mm on routine examination.

How do you manage?

(30 marks)

3. Write short notes on:

3A. Phlyctenular Keratitis.

3B. Brown's syndrome.

3C. Snowflake cataract.

3D. Cicatricial Ectropion.

(10×4 = 40 marks)

Reg. No.																			
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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER III: POSTERIOR SEGMENT, ORBIT AND OPHTHALMIC SURGERIES

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. How do you investigate unilateral proptosis in a 6 year old child?

(30 marks)

2. Discuss various internal tamponade agents used in retinal detachment surgery with their pros and cons.

(30 marks)

3. Write short notes on:

3A. Thyroid Orbitopathy.

3B. Steps of Phacoemulsification.

3C. Hypertensive Retinopathy.

3D. Acute multifocal placoid pigment epitheliopathy.

(10×4 = 40 marks)

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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – JULY 2005

**SUBJECT: PAPER IV: SYSTEMIC OPHTHALMOLOGY, COMMUNITY
OPHTHALMOLOGY, NEUROOPHTHALMOLOGY AND RECENT ADVANCES**

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Describe ocular manifestation of demyelinating diseases.

(30 marks)

2. Discuss LASIK and its complications.

(30 marks)

3. Write short notes on:

3A. Vision 2020 – Goals.

3B. Light near dissociation.

3C. Principle of Photodynamic therapy.

3D. Huchinson's triad.

(10×4 = 40 marks)

