

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I: APPLIED BASIC SCIENCES

Monday, December 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 anatomy of ciliary body, its development and mechanism of aqueous production.
(30 marks)

2. Describe the mechanisms of colour vision and investigations of anomalies of colour vision.
(30 marks)

3. Write short notes on:
 - 3A. Contact lenses.
 - 3B. Dark adaptation.
 - 3C. Histopathology of malignant melanoma.
 - 3D. Atropine.

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(40 marks)



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

Tuesday, December 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. Discuss the management of paediatric cataract.

(30 marks)

2. Discuss the ocular effects of blunt trauma.

(30 marks)

3. Write short notes on:

3A. Infectious crystalline keratopathy.

3B. Malignant glaucoma.

3C. Low visual aids.

3D. Hess Chart.

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(10×4 = 40 marks)



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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – DECEMBER 2005

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

Wednesday, December 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. Discuss the etiology, clinical features, investigations and management of post operative endophthalmitis.

(30 marks)

2. Discuss the ocular manifestations of AIDS.

(30 marks)

3. Write short notes on:

- 3A. Berlins edema.
- 3B. Retinal microaneurysm.
- 3C. Lattice generation.
- 3D. Acute Dacryocystitis.

(40 marks)

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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – DECEMBER 2005

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

Thursday, December 08, 2005

Time: 3 Hrs.

Max. Marks: 100

- ✍ 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. Discuss the ocular manifestations of leprosy.

(30 marks)

2. Discuss the recent treatment modalities for macular diseases.

(30 marks)

3. Write short notes on:

3A. Parinaud's syndrome.

3B. Amniotic membrane transplant.

3C. Vitamin A prophylaxis.

3D. False localization intracranial tumor.

(10×4 = 40 marks)

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