

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

DIPLOMA IN OPHTHALMOLOGY (D.O.) EXAMINATION – APRIL 2006**SUBJECT: PAPER I: BASIC SCIENCES RELATED TO THE SPECIALITY**

Monday, April 03, 2006

Time: 3 hours

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Discuss the development of lens.

(20 marks)

2. Discuss the electrophysiological tests used in Ophthalmology and their clinical application.

(20 marks)

3. Discuss factors that help to maintain corneal transparency.

(20 marks)

4. Write short notes on:

4A. Test for colour vision.

4B. Latanoprost.

4C. Histopathology of malignant melanoma.

4D. Cross cylinder.

(10×4 = 40 marks)

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DIPLOMA IN OPHTHALMOLOGY (D.O.) EXAMINATION – APRIL 2006

SUBJECT: PAPER II: DISEASES OF ANTERIOR SEGMENT, ADNEXA, SQUINT AND PAEDIATRIC OPHTHALMOLOGY

Tuesday, April 04, 2006

Time: 3 hours

Max. Marks: 100

✍ Answer ALL the questions.

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

1. How do you manage a 3 year old child with unilateral esotropia?

(20 marks)

2. Discuss lens induced glaucoma.

(20 marks)

3. Discuss the clinical features and management of congenital ptosis.

(20 marks)

4. Write short notes on:

4A. Plateau iris syndrome.

4B. Iridoschisis.

4C. LASIK.

4D. SWAP.

(10×4 = 40 marks)

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DIPLOMA IN OPHTHALMOLOGY (D.O.) EXAMINATION – APRIL 2006

SUBJECT: PAPER III: DISEASES OF POSTERIOR SEGMENT AND SYSTEMIC OPHTHALMOLOGY, NEURO OPHTHALMOLOGY AND OPHTHALMIC SURGERIES

Wednesday, April 05, 2006

Time: 3 hours

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Discuss the etiology, clinical features and management of CRVO.

(20 marks)

2. Discuss the etiology and management of cavernous sinus thrombosis.

(20 marks)

3. Discuss the clinical features and management of thyroid Ophthalmopathy.

(20 marks)

4. Write short notes on:

4A. Retinoschisis.

4B. MEWDS.

4C. Photodynamic therapy.

4D. Pneumoretinopexy.

(10×4 = 40 marks)