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MANIPAL UNIVERSITY

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER I: APPLIED BASIC SCIENCES

Tuesday, April 01, 2008

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. Describe the anatomy of the cornea including histology. Write a brief note on its development.

(30 marks)

2. Discuss the importance of genetic counseling in ophthalmology.

(30 marks)

3. Write short notes on:

3A. Normal conjunctival flora

3B. Ophthalmia neonatorum

3C. Surgical limbus

3D. Arthus reaction

(40 marks)

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MANIPAL UNIVERSITY

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – APRIL 2008

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

Wednesday, April 02, 2008

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. Give the etiological and morphological classification of congenital cataract. Discuss its treatment.

(30 marks)

2. Discuss the clinical features and treatment of Herpes simplex ocular infection.

(30 marks)

3. Write short notes on:

3A. Blepharphimosis

3B. Grades of binocular vision

3C. Latanoprost

3D. Granulomatous iridocyclitis

(10×4 = 40 marks)

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MANIPAL UNIVERSITY

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – APRIL 2008

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

Thursday, April 03, 2008

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 clinical features and management of thyroid exophthalmos.

(30 marks)

2. Discuss pneumoretinopexy.

(30 marks)

3. Write short notes on:

3A. Vitrectomy in diabetic retinopathy

3B. Ophthalmomiasis

3C. Laser Iridotomy

3D. Pulsatile exophthalmos

(40 marks)

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MANIPAL UNIVERSITY

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – APRIL 2008

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

Friday, April 04, 2008

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 ocular manifestation in HIV.

(30 marks)

2. Discuss localizing signs in the lesion of visual pathways.

(30 marks)

3. Write short notes on:

3A. Sturge weber syndrome.

3B. WHO classification of visual impairment and blindness.

3C. Recent advances in macular surgery.

3D. Prevention of corneal blindness in children.

(10×4 = 40 marks)

