[Time: 3 Hours]

[Max.Marks: 100]

## MS OPHTHALMOLOGY – PAPER – I QP CODE: 5033

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

### Long Essay

(2x20=40 Marks)

- 1. Draw a well labeled diagram of anatomy of light papillary pathway.. Discuss abnormal papillary reactions.
- 2. Draw a well labeled diagram of histological section of cornea. Discuss corneal wound healing and factors affecting it.

#### **Short Essay**

(6x10=60 Marks)

- 3. Discuss evaluation of a case of epiphora
- 4. Hypermetropia (definition ,clinical features, management)
- 5. Discuss various methods of assessment of visual acuity testing in children.
- 6. Fluorescien sodium (properties and uses in ophthalmology)
- 7. Write in brief the anatomy, nerve supply and functions of superior oblique muscle. Discuss applied anatomy.
- 8. Draw a well labeled diagram of medial wall of the orbit. Discuss the applied anatomy.

[Time: 3 Hours]

[Max.Marks: 100]

MS OPHTHALMOLOGY – PAPER – II OP CODE: 5034

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

## Long Essay

(2x20=40 Marks)

- 1. Discuss the aetiology clinical features and management of congenital cataract
- 2. Discuss the aetiology clinical features and management of thyroid eye diseases

## **Short Essay**

(6x10=60 Marks)

- 3. Prisms in ophthalmology
- 4. Reiter's syndrome
- 5. Grading and Sequelae of trachoma
- 6. After cataract
- 7. Malignant Glaucoma
- 8. Staphylomas

[Time: 3 Hours]

[Max.Marks: 100]

## MS OPHTHALMOLOGY – PAPER – III OP CODE: 5035

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

## Long Essay

(2x20=40 Marks)

- 1. Discuss etiology, clinical features and management of a case of thyroid eye disease
- 2. Discuss the ETDRS classification of diabetic retinopathy. Write the management of proliferative diabetic retinopathy.

#### **Short Essay**

(6x10=60 Marks)

- 3. Papilloedema (discuss in brief the etiology, fundus examination and various investigations)
- 4. Discuss etiology, clinical features and management of a case of central retinal artery occlusion.
- 5. Vitamin A deficiency (etiology, clinical features, classification, prevention and treatment.)
- 6. Evaluation of a case of ptosis
- 7. Discuss the Intraoperative ,early and late post operative complications of penetrating keratoplasty
- 8. Discuss etiology, clinical features, differential diagnosis and management of a case of lateral rectus palsy

[Time: 3 Hours]

[Max.Marks: 100]

## MS OPHTHALMOLOGY – PAPER – IV OP CODE: 5036

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

## Long Essay

(2x20=40 Marks)

- 1. Discuss the various manifestations of the blunt trauma of eye and management in brief
- 2. Classify ptosis and discuss the various surgeries

#### **Short Essay**

(6x10=60 Marks)

- 3. Recent advances in Optical coherence tomography
- 4. Vitreous substitutes
- 5. Photodynamic therapy
- 6. Automated perimeters
- 7. Femtosecond leaser
- 8. Immunomodulaters