

# National Board of Examinations

**Question Paper Name :** Diploma Ophthalmology Paper3  
**Subject Name :** Diploma Ophthalmology Paper3  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718737005 Consider As Subjective : Yes**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Discuss the role of intraoperative OCT in anterior segment surgeries. [5]
- b) What are the indications for macular hole surgery? What are the types of macular hole surgery. [2+3]

**Question Number : 2 Question Id : 32718737006 Consider As Subjective : Yes**

- a) Enumerate predictors of progression in Fuchs' Endothelial Corneal Dystrophy. [4]
- b) Describe recent advances in its surgical management. [3]
- c) What are indications for endothelial keratoplasty in Fuchs. [3]

**Question Number : 3 Question Id : 32718737007 Consider As Subjective : Yes**

- a) Describe the recent advances in the management of intraocular melanoma. [6]
- b) Discuss indications and techniques of optic nerve decompression. [4]

**Question Number : 4 Question Id : 32718737008 Consider As Subjective : Yes**

- a) Describe current screening guidelines, staging and classification of retinopathy of prematurity. [5]
- b) Discuss the current management strategies of ROP. [5]

**Question Number : 5 Question Id : 32718737009 Consider As Subjective : Yes**

- a) Discuss role of Artificial Intelligence in ophthalmology and current utility in glaucoma and retinal disorders. [5]
- b) What is low vision? What are the management options for a child with low vision? [5]

**Question Number : 6 Question Id : 32718737010 Consider As Subjective : Yes**

Describe the pathogenesis, clinical features, classification and management of a patient with diabetic macular edema? [3+2+2+3]

**Question Number : 7 Question Id : 32718737011 Consider As Subjective : Yes**

- a) Enumerate the clinical features of fourth nerve palsy. [2]
- b) Describe differential diagnosis and investigations for acquired fourth nerve palsy. [3]
- c) Discuss the management options for congenital and acquired fourth nerve palsy. [5]

**Question Number : 8 Question Id : 32718737012 Consider As Subjective : Yes**

- a) Describe the clinical features and management in a blowout fracture. [4]
- b) Describe the detailed classification of ocular trauma. [6]

**Question Number : 9 Question Id : 32718737013 Consider As Subjective : Yes**

- a) Enumerate the indications, and types of keratoprosthesis. [2+2]
- b) Indications of silicone oil surgery, protocol of removal and complications [2+2+2]

**Question Number : 10 Question Id : 32718737014 Consider As Subjective : Yes**

- a) Enumerate the treatment options in presbyopia. [4]
- b) Primary congenital glaucoma management and visual rehabilitation. [6]