

MANIPAL UNIVERSITY
FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2008
SUBJECT: OPHTHALMOLOGY (ESSAY)

Monday, June 09, 2008

Time available: 10.15 – 11.30 Hours

Maximum Marks: 30

☞ **Answer the following questions.**

1. Define Myopia. What is the optical defect and fundus picture of high myopia? How will you correct this optical defect?

(1+2+1 = 4 marks)
2. What are the predisposing and precipitating factors for corneal ulcer? What are the clinical features, complications and management of fungal corneal ulcer?

(2+2 = 4 marks)
3. Describe the stages, complications and sequelae of trachoma. How will you treat the same?

(2+2 = 4 marks)
4. How will you differentiate acute iridocyclitis from acute congestive glaucoma? Enlist.

(3 marks)
5. Define pterygium. Describe the etiopathogenesis, clinical features and management of the same.

(3 marks)
6. Mention the drugs used in treatment of open angle glaucoma. Describe the mechanism of action and side effects of any one.

(2+2 = 4 marks)
7. What are the components of accommodation reflex? Draw the light reflex pathway.

(1+2 = 3 marks)
8. Define Retinal Detachment. What are the types of Retinal Detachment? Name four predisposing factors for Retinal Detachment.

(1+2 = 3 marks)
9. What are the stages of senile cataract formation? What is After Cataract?

(1+1 = 2 marks)



MANIPAL UNIVERSITY
FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2008
SUBJECT: OPHTHALMOLOGY (ESSAY)

Thursday, December 11, 2008

Time available: 10.15 – 11.30 Hours

Maximum Marks: 30

✍ **Answer the following questions.**

1. Define amblyopia. Mention causes of amblyopia. Mention four indications for vitrectomy.
(1+1+1 = 3 marks)
2. Mention the ophthalmoscopic features of diabetic retinopathy. What is the treatment for proliferative diabetic retinopathy?
(2+1 = 3 marks)
3. What is keratoplasty? Mention types of keratoplasty. Mention four indications for keratoplasty.
(1+1+2 = 4 marks)
4. Draw the visual pathway and mention the visual field defects at various levels.
(2+2 = 4 marks)
5. Write briefly on:
5A. Chalazion
5B. Neuroparalytic keratitis
(2+2 = 4 marks)
6. Define sympathetic ophthalmitis. What are the clinical features of granulomatous uveitis and how will you manage a patient with the same?
(1+2+1 = 4 marks)
7. Describe the etiopathogenesis, clinical features, management of chronic dacryocystitis.
(3 marks)
8. Write four causes for Ptosis. What are the differences between synchitis scintillans and asteroid hyalosis?
(1+1 = 2 marks)
9. What are the effects on cricket ball injury to the eye?
(3 marks)

