

Question Paper

Exam Date & Time: 06-Mar-2024 (10:20 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION
THIRD PROFESSIONAL YEAR MBBS PART I DEGREE EXAMINATION - FEBRUARY / MARCH 2024
SUBJECT: OPHTHALMOLOGY
(CBME BATCH - REPEATERS)

Marks: 80

Duration: 160 mins.

Answer all the questions.

- 1) A 60year old gentleman with a family history of glaucoma was on routine examination detected to have an intra ocular pressure of 25mm Hg in both the eyes. Describe the investigations and management of this patient. (5+5 = 10 Marks)
- 2) A 70year old lady, with no co-morbidities presents with complains of a painless progressive blurring of vision in both the eyes. (4+3+3 = 10 marks)
 - A) Enumerate any four causes of painless, progressive loss of vision in an elderly patient.
 - B) Describe the clinical features and management of one of the causes.
- 3A) Write a brief note on method of intra ocular lens power calculation. (4)
- 3B) Mention the clinical signs of aphakia. (4)
- 3C) Describe briefly the treatment options available for astigmatism. (4)
- 3D) A 75year old patient developed nuclear cataract in both eyes. Now his Visual acuity is 6/60 both eyes with - 2.50 DSphere. His near vision is N6 without glasses. (1+3 = 4 marks)
 - i) What is this type of myopia?
 - ii) Add a note on the classification of myopia.
- 3E) A 14year old student presented with complaints of redness, mucopurulent discharge and stickiness of the lids in both eyes for the past 2 days. He said his roommate had similar problems a week before. He had no complaints of blurring of vision or photophobia. (1+1+2 = 4 marks)
 - i) What is the most likely diagnosis?
 - ii) Name any two organisms causing this type of disease.
 - iii) What is the management of this disease?
- 3F) Write a short note on indications for Tarsorrhaphy. (4)
- 3G) Briefly mention the salient clinical features of Fungal Keratitis. (4)
- 3H) Discuss the causes and management of blood in the anterior chamber of the eye. (4)
- 3I) List the indications for use of LASER in the management of retinal diseases. (4)
- 3J) Enumerate the causes of Cherry red spot in the macula. (4)
- 3K) Draw a diagram to trace the visual pathway. (4)
- 3L) Briefly mention any four differences between a paralytic and a non-paralytic squint. (4)
- 3M) Mention ANY FOUR retinal complications of blunt trauma to the eye. (4)
- 3N) Write a brief note on the NPCB (National Programme for Control of Blindness) (4)
- 3O) Define Informed Consent. What are the components of an Informed consent? (4)

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