



All India Institute of Medical Sciences, Kalyani

Third Professional MBBS Supplementary Examination, April 2025

Time: 3 Hrs.

Ophthalmology

Marks: 100

Instructions for Section-B & C:

- Answer all questions.
- Answer the questions in the same serial order strictly.
- Illustrate your answers with well labelled diagram wherever necessary.
- Answer each section in a separate answer book.

SECTION – B (40 MARKS)

Long Answer Questions:

[1×10=10]

1. Describe the differential diagnosis of red eye. Enumerate 4 causes of chronic red eye.
Which condition(s) may give rise to acute painful red eye in a patient with cataract?
Describe the management in such a case. (3+2+2.5+2.5)

Write a short note on:

[6×5=30]

2. Give the mechanism of action, indications and side-effect profile of latanoprost.
3. Draw a neat labelled diagram depicting the anatomy of the lacrimal drainage system and describe the stages of chronic dacryocystitis. (2.5+2.5)
4. Myopia
5. What are the clinical features of acute anterior uveitis?
6. Enumerate the reasons for corneal transparency.
7. Post-operative complications of cataract surgery

SECTION – C (40 MARKS)

Long Answer Questions:

[1×10=10]

1. Describe the stages of diabetic retinopathy and plan of management. What are the causes for loss of vision in patient with diabetic retinopathy? (5+4+1)

Write a short note on:

[6×5=30]

2. Papilloedema
 3. Branch Retinal Vein Occlusion (BRVO)
 4. Eye Banking
 5. Antiglaucoma drugs
 6. Acute angle closure attack
 7. Mention ocular complications of blunt trauma to the eye.
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