

**Date: 11-02-2025**

**0225 E577**

**Third Year MBBS Examination**

**MBBS Part 1 Ophthalmology**

**Time: 3 hours**

**Max Marks: 100**

**Instructions:**

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

## **Section 1**

**1. Structured long questions (Any 1 out of 2) (1x10=10 marks)**

**a) Describe the anatomy of visual pathway with the help of diagrams Mention the applied anatomy. b) Describe the anatomy of conjunctiva. Draw the diagrams, mention applied anatomy.** (3+3+4) (3+3+4)

**1. Case based scenarios/Applied short notes: (Any 2 out of 3) (2x6-12 marks)**

**a)** Describe the anatomy of visual pathway with the help of diagrams. Mention the applied anatomy. **b)** Describe the anatomy of conjunctiva. Draw the diagrams, mention applied anatomy.

**3. Write short notes (Any 3 out of 4)**

**a)** Describe the technique and complications of peribulbar block **b)** Write the common sites, types, symptoms and signs of extraocular foreign bodies **c)** Congenital anomalies of uveal tract **d)** A male patient was having herpes zoster ophthalmicus and was seropositive for AIDS. How will you explain the diagnosis to his family members?

**4. Answer only in 2-3 sentences (Any 5 out of 6) (5x2-10 marks)**

**a)** Lacrimal syringing **b)** Distichiasis **c)** Pilocarpine **d)** Hypermature cataract **e)** Accommodation **f)** Confrontation test

## Section 2

### **5. Structured long questions (Any 1 out of 2) (1x10=10 marks)**

**a)** Write the classification of scleritis.

Describe the symptoms, signs and management of anterior scleritis. (3+2+2+3)

**b)** Write the indications, mechanism of filtration and surgical technique of trabeculectomy (3+3+4)

### **6. Case based scenario/Applied short notes (Any 2 out of 3) (2x6=12 marks)**

**a)** A 6 years male child came with both eyes redness, sticky discharge and right eye diminished vision since 2 days. (2+2+2)

**a.** What is the diagnosis?

**b.** What are the complications?

**c.** How will you treat this condition?

**b)** A 16 years old girl came with severe headache since 3 days.. She did not have glasses. (2+2+2)

**a.** Which can be the common causative conditions?

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- b.** How will you investigate her?
  - c.** Mention the treatments of probable diagnostic conditions?
- c)** A 40 years old male complained of seeing dark spots and flashes of light since 2 days.
  - a.** What should be looked for in (2+2+2) the ocular examination?
  - b.** Which instruments are needed for examination?
  - c.** What is the management of retinal breaks?

**7. Write short notes (Any 3 out of 4)**

- a)** Write the etiopathology, (3x6=18 marks) clinical presentation, and management of choroiditis
- b)** Tobacco amblyopia
- c)** (2+2+2) Cylindrical lens
- d)** Preventable blindness

**8. Answer only in 2-3 sentences (Any! 5 out of 6) (5x2 =10 marks)**

- a)** Allergic conjunctivitis
- b)** Consensual tight reflex
- c)** Tenon's space
- d)** Papillitis
- e)** Adduction
- f)** Foldable intraocular lens