



**Avinashilingam Institute for Home Science and Higher Education for women
Coimbatore -641043**

**Continuous Internal Assessment II APRIL -2025
IV Semester**

Class: II UG

Branch : Optometry

22BOPC23 Pathology

Time: 2 Hours

Max Marks: 60

Course Outcomes:

CO1: To know about Inflammation and repair aspects.

CO2: To understand the pathology of various eye parts and ocular adnexa.

CO3: To acquire knowledge on pathology of retina, cornea and conjunctiva.

CO4: To learn about pathology of orbit and optic nerve.

CO5: To understand the pathology of lens.

Part A

6 × 1= 6

Choose the Correct Answer

1. A dendritic ulcer on the cornea is most commonly associated with which type of keratitis? **CO3K1**
 - a) Bacterial keratitis
 - b) Fungal keratitis
 - c) Herpes simplex keratitis
 - d) Allergic keratitis
2. Fuchs' dystrophy is a pathology that effects what part of the eye? **CO4K2**
 - a) Conjunctiva
 - b) Cornea
 - c) Uvea
 - d) Retina
3. Marfan syndrome is associated with: **CO4K1**
 - a) Cataract
 - b) Lens subluxation/dislocation
 - c) Glaucoma
 - d) Keratoconus
4. Microspherophakia refers to: **CO4K2**
 - a) An abnormally curved cornea.
 - b) A small, spherical lens.
 - c) An opacified lens.
 - d) A dislocated lens.
5. Drusen are a characteristic feature of: **CO5K2**
 - a) Diabetic retinopathy
 - b) Retinitis pigmentosa
 - c) Age-related macular degeneration (ARMD)
 - d) Retinal detachment
6. Bone spicule pigmentation is a characteristic of: **CO5K1**
 - a) Retinitis Pigmentosa
 - b) Macular Degeneration
 - c) Diabetic Retinopathy
 - d) Retinal Detachment

Part B

3× 6= 18

Answer ALL the questions

Each answer should not exceed 400 words or two pages

- 7.A. Describe Inflammation and infection of eyelids. **CO3K1**
- 7.B. Discuss Developmental lesions of orbital space occupying lesions. **CO3K2**
- 8.A. Illustrate the congenial abnormalities of cornea. **CO3K1**
- 8.B. Discuss the non-inflammatory conditions of optic nerve. **CO5K2**
- 9.A. Illustrate the congenial anomaly of conjunctiva. **CO3K1**
- 9.B. Explain degenerative conditions of cornea. **CO3K3**

Part C

3× 12= 36

Answer ALL the questions

Each answer should not exceed 400 words or two pages

- 10.A. Discuss the tumours of eyelids. **CO3K2**
- 10.B. Discuss the Neoplastic tumours of eyelids. **CO3K2**
- 11.A. Explain the pathophysiology of glaucoma. **CO4K2**
- 11.B. Discuss the congenial abnormalities of lens. **CO4K2**
- 12.A. Explain ulcerative and non-ulcerative conditions of cornea. **CO3K2**
- 12.B. Discuss the pathology of retinal degeneration. **CO5K2**