



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

Continuous Internal Assessment I FEBRUARY-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 Choose the Correct Answer

6 × 1= 6

1. Which of the following is a key growth factor involved in angiogenesis? CO1K1

a) Insulin b) Vascular Endothelial Growth Factor (VEGF) c) Cortisol d) Thyroxine

2. Herpes simplex keratitis is caused by: CO1K2

a) A bacterial infection b) A fungal infection c) A viral infection d) An allergic reaction

3. Which of the following is a common symptom of bacterial conjunctivitis? CO1K1

a) Watery discharge b) Purulent discharge c) Dry eyes d) Blurry vision without pain

4. Which of the following is a common symptom of blepharitis? CO2K1

a) Painless eyelid swelling b) Drooping of the upper eyelid c) Itching and scaling of the eyelids d) Protrusion of the eyeball

5. What is the most common benign orbital tumor? CO2K2

a) Lymphoma b) Rhabdomyosarcoma c) Cavernous hemangioma d) Metastatic tumor

6. Fuchs' endothelial dystrophy primarily affects which layer of the cornea? CO3K1

a) Epithelium b) Stroma c) Endothelium d) Bowman's layer

Part B Answer ALL the questions

3× 6= 18

Each answer should not exceed 400 words or two pages

7.A. Describe the inflammatory conditions of eyelid. CO1K2

7.B. Discuss eye diseases associated with ocular angiogenesis. CO1K2

8.A. Describe the orbital cellulitis and its complications. CO2K2

8.B. Discuss the Corneal degeneration and its types. CO3K2

9.A. Explain the orbital space occupying lesions. CO2K2

9.B. Explain corneal dystrophies with flowchart. CO2K2

Part C Answer ALL the questions

3× 12= 36

Each answer should not exceed 800 words or four pages

- | | |
|---|--------------|
| 10.A.Discuss ocular infections caused by bacteria,virus and fungi. | CO1K2 |
| 10.B.Explain the inflammations of eyelid. | CO2K2 |
| 11.A.Enumerate ocular angiogenesis , growth factors, and types. | CO1K1 |
| 11.B.Discuss the inflammatory conditions of cornea. | CO3K2 |
| 12.A.Discuss the importance of early diagnosis and treatment of orbital cellulitis. | CO1K2 |
| 12.B.Illustrate the ocular tumors and its types. | CO2K2 |

No of copies :17

Staff Name:Nandhini G