



**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore - 641 043**

Continuous Internal Assessment I February-2025

VI Semester

**Class : III UG
Branch : OPTOMETRY**

**Time : 2 Hours
Max. Marks : 60**

22BOPC40 – Systemic Disease

Course Outcomes:

CO1: To cognize the history taking and examination techniques.

CO2: To acquire knowledge on diseases of the CVS, immune system, infectious diseases on eye

CO3: To disentangle the diseases affecting the lungs, GI Tract, endocrine system and evaluate their ocular comorbidities.

CO4: To investigate the ocular disturbances due to diseases affecting the blood, skin and tumors.

CO5: To scrutinize the ocular effects of Neurological disorders and investigate the complications.

Part A

Choose the Correct Answer

6 x 1 = 6

1. Amaurosis fugax is
a. Transient loss of vision
b. Loss of stereopsis
c. Painfull swelling
d. Complete loss of vision
CO1K1
2. Which is not a contributing factor for vein and artery occlusions?
a. Obesity
b. Hyperlipidemia
c. Genetic
d. Age
CO1K1
3.gene is affected in Marfan's syndrome is
a. PAX6
b. FBN1
c. SOX2
d. OCA2
CO2K1
4. Find the parasite seen inside eye, also called as African eye worm.
a. helminths
b. Loa loa
c. Flatworms
d. Ascaris
CO2K1
5. is the abnormal serological value seen in Behcet's disease
a. HLA B16
b. HLA B15
c. HLA B27
d. HLA B12
CO3K1
6. The pathogen causing Tuberculosis is.....
a. Micobacterium tuberculae
b. Mycobacterium tuberculae
c. Acetobactor tuberculae
d. Mycobacterium tuberculosis
CO3K1

Part B

3 x 6 = 18

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 7.a. Importance of History taking in finding systemic disease (or) **CO1K2**
- 7.b. What are the effects of Anti glaucoma drugs **CO1K1**
- 8.a. What are the Ocular implications in Hypertension (or) **CO2K1**
- 8.b. What are Oppurtunistic infections? **CO2K1**
- 9.a. What is Cushing's syndrome (or) **CO3K1**
- 9.b. Retinoblastoma **CO3K1**

Part C

3 x 12 = 36

Answer ALL questions

Each answer should not exceed 800 words or four pages

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|---|--------------|
| 10.a. Elaborate on the importance of history taking in Pediatric systemic illness (or) | CO1K2 |
| 10.b. Diabetes mellitus and its complications in the eye. | CO1K1 |
| 11.a. What is AIDS? Explain in detail its patho physiology, complications and treatment of AIDS? (or) | CO2K1 |
| 11.b. Elaborate about any three diseases associated with HLA Antigen. | CO2K2 |
| 12.a. Explain in detail about diseases of the Lungs (or) | CO3K2 |
| 12.b. Thyroid and its complications | CO3K1 |

12 copies

Staff In-Charge: Mrs. Supraja K