



Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore - 641 043
Continuous Internal Assessment II April - 2025
VI Semester

Class : III UG
Branch : OPTOMETRY

Time : 2 Hours
Max. Marks : 60

22BOPC38 – Binocular Vision - II

Course Outcomes:

- CO1:** To Visualize and cater to the needs of patients with special needs and unify diplopia.
CO2: To unravel the course of acquired brain injury and help patients overcome their difficulty
CO3: To demystify Esotropias.
CO4: To cognify Exotropias.
CO5: To simplify A-V pattern tropias, cyclovertical deviations and special forms of strabismus

Part A

6 x 1 = 6

Choose the Correct Answer

1. Pseudoexotropia is associated with: **CO3K1**
 - a. Prominent epicanthal fold
 - b. Positive angle kappa
 - c. Negative angle kappa
 - d. none of the above
2. which test is commonly used to detect DVD **CO4K2**
 - a. Cover-uncover test
 - b. Park's 3 step test
 - c. Maddox rod test
 - d. Option b & c
3. Which syndrome is most commonly associated with A-pattern exotropia **CO5K2**
 - a. Duane syndrome
 - b. Brown syndrome
 - c. Mobius syndrome
 - d. Marfan syndrome
4. Which extraocular muscles are primarily involved in cyclovertical deviations: **CO4K1**
 - a. LR&MR
 - b. SO&IO
 - c. SR&IR
 - d. both b&c
5. Which cranial nerve is primarily affected in Duane Retraction Syndrome: **CO5K1**
 - a. Optic nerve
 - b. oculomotor nerve
 - c. Trochlear nerve
 - d. Abducens nerve
6. Which of the following is NOT a common symptom of intermittent Exotropia: **CO3K1**
 - a. Eye strain
 - b. Closing one eye in bright light
 - c. Double vision
 - d. Constant inward turning of the eyes

Part B

3 x 6 = 18

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 7.a. Write a short notes on DVD (or) **CO4K1**
- 7.b. Write a short note on pattern deviations **CO5K1**
- 8.a. Explain force duction test (or) **CO3K2**
- 8.b. Discuss briefly about intermittent divergent squint **CO3K2**
- 9.a. Explain briefly about cyclodeviation (or) **CO4K1**
- 9.b. Describe Park's three step procedure and explain the excepted finding in each step for a right inferior oblique muscle paresis **CO5K1**

Part C

3 x 12 = 36

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 10.a. Elaborate on Exotropia and its classification (or) **CO3K1**
- 10.b. Write a note on 3rd & 4th nerve paralysis **CO5K2**
- 11.a. Explain briefly about management of strabismus (or) **CO4K2**
- 11.b. Explain in detail – special forms of strabismus **CO5K1**
- 12.a. Explain about incomitant vertical deviation (or) **CO4K1**
- 12.b. Explain – Duane syndrome **CO5K1**
