



Avinashilingam Institute for Home Science and Higher Education for Women

Coimbatore - 641 043

Continuous Internal Assessment – April 2025

VI Semester

Class : III UG
Branch : Optometry

Time : 2 Hours
Max. Marks : 60

22BOPC39 Paediatric Optometry

Course Outcomes:

- CO1:** To have knowledge of childhood development and visual development
CO2: To understand the varied assessment concepts of paediatric vision disorders
CO3: To gain knowledge of the epidemiology and treatment of eye disease in children
CO4: To understand the aetiology, clinical presentation and treatment of amblyopia
CO5: To have knowledge of the art of dispensing spectacles, contact lens and low vision aids.

Part A

6 x 1 = 6

Choose the Correct Answer

1. Oil droplet appearance is seen in CO3K1
 - a. Sectoral cataract
 - b. Posterior subcapsular cataract
 - c. Zonular cataract
 - d. Posterior lenticonus
2. The co-contraction of the MR & LR muscle causing globe retraction is due to CO4K1
 - a. Duane's Retraction syndrome
 - b. Mobius syndrome
 - c. Brown syndrome
 - d. Thyroid eye disease
3. Haab striae is most commonly seen in CO3K1
 - a. JOAG
 - b. PCG
 - c. Secondary congenital glaucoma
 - d. None of the above
4. Copper deposition in the body will leads to CO4K1
 - a. Fabry disease
 - b. Wilson's disease
 - c. Mannosidosis
 - d. Lowe syndrome
5. Systemic association of RP includes CO5K1
 - a. Lowe syndrome
 - b. Alport syndrome
 - c. Usher's syndrome
 - d. Albright syndrome
6. The therapeutic use of CL does not include CO5K1
 - a. Amblyopia
 - b. Aphakia
 - c. Aniridia
 - d. Nystagmus

Part B

3 x 6 = 18

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 7.a. Write a note on ROP (or) CO3K2
- 7.b. Summarize the optical correction of aphakia in children CO5K2
- 8.a. Write a note on lens dislocation in children (or) CO3K2
- 8.b. Discuss on optic atrophy CO4K2
- 9.a. Write a note on CL indication & contra indication in paediatrics (or) CO5K2
- 9.b. Write a note on treatment of amblyopia CO3K2

Part C

3 x 12 = 36

Answer ALL questions

Each answer should not exceed 800 words or two pages

- 10.a. Describe in detail about retinoblastoma (or) CO3K3
- 10.b. Describe in detail about congenital glaucoma CO3K3
- 11.a. Write a note on assessment and diagnostic tests for strabismus (or) CO4K2
- 11.b. Describe the treatment option to control myopic progression CO5K2
- 12.a. Explain about Nystagmus and its types in detail. (or) CO4K3
- 12.b. Explain the factors considered while dispensing paediatric spectacle CO5K2

12 Copies

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