



Avinashilingam Institute for Home Science and Higher Education for Women

Coimbatore - 641 043

Continuous Internal Assessment – February 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. Corneal epithelium is originated from CO1K1
 - a. Surface ectoderm
 - b. Neural ectoderm
 - c. Mesoderm
 - d. Neural crest
2. Axial length of eye at birth is CO2K1
 - a. 10-15mm
 - b. 16-17mm
 - c. 20-21mm
 - d. 21-25mm
3. Unilateral or bilateral horizontal widening of palpebral fissure is known as CO3K1
 - a. Microblepharon
 - b. Epiblepharon
 - c. Euryblepharon
 - d. Blepharospasm
4. Trachoma blindness is CO1K1
 - a. Preventable
 - b. Avoidable
 - c. Incurable
 - d. Curable
5. The inward displacement of eyeball is known as CO2K1
 - a. Cryophthalmos
 - b. Anaphthalmos
 - c. Microphthalmos
 - d. Enophthalmos
6. The incubation period of neonatal conjunctivitis is CO3K1
 - a. 4 days
 - b. 15 days
 - c. 21 days
 - d. 6 hours

Part B

3 x 6 = 18

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. Summarize the formation of eyeball (or) CO1K2
- 11.b. Write a note on inflammation on cornea CO3K2
- 12.a. Write a note on paediatric history taking (or) CO2K2
- 12.b. Name the charts used for testing visual acuity in toddlers & preschoolers CO2K2
- 13.a. Write a note on congenital dacryocystitis (or) CO3K2
- 13.b. Write a note on congenital anomalies of eyelids CO3K2

Part C

3 x 12 = 36

Answer ALL questions

Each answer should not exceed 800 words or two pages

- 16.a. Describe the developmental milestones of vision (or) CO1K3
- 16.b. Describe in detail about the embryology of eye CO1K3
- 17.a. Write a note on ocular examination of infants and toddlers (or) CO2K2
- 17.b. Summarize the BV evaluation in paediatric population with its importance CO2K2
- 18.a. Explain about the inflammation of conjunctiva . (or) CO3K3
- 18.b. Explain about cellulitis and its types in detail CO3K2

18 Copies

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