

QP CODE: 103388

Reg. No:.....

**First Year Master of Optometry Degree Regular/Supplementary
Examinations November 2025**

Paediatric Optometry

Time: 3 Hours

Total Marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(20)

1. An eight years old boy presented to the clinic with complaint of itching, watering, redness and photophobia in both eyes since one week. His unaided distant visual acuity was 20/20 (Snellen chart in feet) in both eyes. Slit lamp examination revealed multiple papillae in palpebral conjunctiva, gelatinous limbal thickening and hyperpigmentation and superficial punctate keratitis. Rest of the examination was normal.
 - a) What is the gelatinous limbal thickening called and why do they appear in this condition
 - b) What is your tentative diagnosis. Justify your answer.
 - c) What will be the plan of management for the child
 - d) Write about the role of an optometrist in this condition

(6+6+5+3)

Short Essays

(6x10=60)

2. Write about the clinical evaluations to be done for differentiating the congenital ptosis with other types of ptosis
3. Enlist and explain the various visual acuity charts available under different principle for different age groups in pediatric population
4. Write an essay on the development of visual functions
5. What are the various types of congenital cataract. Write about the causes, clinical features and management of the same
6. Explain in detail about the development of ocular structures from the three germinal layers
7. Write a note on common genetic problems seen in the pediatric population and their inheritance patterns. Give an example of a pedigree chart with an inherited ocular condition
