

QP CODE: 104388

Reg. No:.....

**First Year Master of Optometry Degree Regular/Supplementary
Examinations December 2023
Occupational and Public Health 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. Describe on the infrared absorption of the ocular tissue. What are ocular effects due to infrared radiations. Add a note on the brief history of NPCB. What are the new initiatives.
(10+10)

Short Essays (6x10=60)

2. Describe in detail on the ocular effects of acids, alkalis, surfactants and aerosols.
3. Mention on the following artificial light sources:
 - Incandescent lamps
 - Tungsten halogen
 - Compact fluorescent lamp
 - LED lamps
 - High pressure mercury lamps
4. Define computer vision syndrome. How will you manage a case of convergence insufficiency computer professional.
5. A 22 year old Olympic shooter player came to your clinic, write in detail about the factors to be considered while evaluation and Prescribing for the same person.
6. Define Anthropometry. Write its significance in Pediatric and Geriatric population.
7. What are ultraviolet rays. What are the effects of ultraviolet rays on the ocular tissue.
