

Third Year B.Sc Optometry Degree Examinations - November 2013

Community Optometry

Time : 3 hrs

Max marks : 100

- **Answer all questions**
- **Draw diagram wherever necessary**

Essays

(2x20=40)

1. Discuss the health problems due to industrialization. Explain in detail the effect of diabetes and hypertension on eye
2. What are the common causes of preventable blindness in geriatric population in India. How an optometrist can contribute to the eradication of blindness

Short notes

(5x5=25)

3. Classification of visual impairment and blindness
4. Eye protectors
5. School eye screening programmes
6. Congenital cataract-common types ,investigations and management
7. Blunt trauma-effects on the eye

Answer briefly

(10x3=30)

8. Glare and control of glare
9. Assessment of vision of an infant
10. District blindness control society
11. Retinitis pigmentosa
12. Sentinel Surveillance unit
13. What is regional burden of blindness and what is its use.
14. Educational rehabilitation services currently available for the visually impaired in India
15. Perforating injuries
16. Fumigation of operation theatre
17. Visually impaired is unequally distributed across age groups. (True or False). Justify your answer

One word answer

(5x1= 5)

18. Occupational exposure to _____ causes Welder's flash.
19. _____ is the leading cause of blindness in the developed world
20. The factories act, 1948, prohibits employment of children below the age (in years) of _____
21. In case of alkali burns, pH above 11 is exceedingly dangerous. State true or false
22. Siderosis is caused by _____