

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination - 10-Jun-2024**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**SECTION B : OCCUPATIONAL OPTOMETRY (50 Marks) (RS-4)**

**Q.P. CODE: 3357**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 3356 and 3357 are to be answered within total duration of 3 hours)**

**LONG ESSAYS (Question No.1 choice)**

**1 x 10 = 10 Marks**

1. Describe in detail about Occupational safety and its importance with examples.

**OR**

Enlist the occupations with risk of chemical hazards. How to control those hazards. Explain effect of acid burns the eye.

**SHORT ESSAYS (Question No.5 choice)**

**5 x 5 = 25 Marks**

2. Explain the pre-placement examination. Add the role of optometrist in pre-placement examination.
3. Explain effect of mechanical injury on the eye.
4. Effect of UV & IR radiation on the eye.
5. Explain in brief about computer vision syndrome.

**OR**

Explain the sources and measures to reduce air pollution.

6. Explain different occupational diseases associated with Welders. What are the preventive measures for the same?

**SHORT ANSWER**

**5 x 3 = 15 Marks**

7. Effect of visual display unit of Eye.
8. Visual standard for drivers.
9. IOFB.
10. Name three personal protective equipments to be used by a Welder.
11. Role of optometrist in occupational safety.

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