

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination – 22-Nov-2024**

**Time: Three Hours**

**Max. Marks: 100**

**SECTION A: SYSTEMIC DISEASES (RS-4)**

**Q.P. CODE: 3354**

Your answers should be specific to the questions asked  
Draw neat, labelled diagrams wherever necessary

**(Note : Both QP Codes 3354 and 3355 are to be answered within total duration of 3 hours)**

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

**1 x 10 = 10 Marks**

1. Enumerate the acquired heart diseases. Discuss the pathophysiology, clinical features, diagnosis and management of rheumatic fever

**OR**

Describe the classification, principle of diagnosis and treatment of helminthic diseases. Write shortly on helminthic disease and eye

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

**5 x 5 = 25 Marks**

2. Explain the pathophysiology of pulmonary tuberculosis and its treatment
3. Herpes viruses and its effect on eye
4. Characteristics of benign and malignant tumor with examples
5. Immunology and eye

**OR**

Write briefly on immune diseases

6. Discuss the types, etiology and management of different types of arthritis

**SHORT ANSWERS**

**5 x 3 = 15 Marks**

7. Features of hypertensive retinopathy
8. Classification of thyroid disorders
9. Type 1 diabetes mellitus
10. Short note on genetic engineering
11. Define and write shortly on Xerophthalmia

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