

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Optometry Degree Examination – 07-Jun-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. Define malnutrition and enumerate malnutrition disorders. Write briefly on nutritional eye disorders

**OR**

Pathophysiology, diagnosis, prevention and treatment modalities for genetic diseases

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

**5 x 5 = 25 Marks**

2. Discuss mode of spread, clinical manifestations, diagnosis and management of cytomegalovirus infection
3. Write briefly on management of larva migrans
4. Essay on principles of immunity in health with emphasis on eye
5. Pathophysiology, classification and management of malignant hypertension

**OR**

Pathophysiology, complication, diagnosis and management of non insulin dependent diabetes mellitus

6. Explain the eye and connective tissue disorders

**SHORT ANSWERS**

**5 x 3 = 15 Marks**

7. Eye features seen in thromboembolism
8. Myxoedema
9. Cysticercosis
10. Modified Jones criteria for diagnosis of rheumatic fever
11. Define sarcoma and carcinoma with examples

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