



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH  
(A DEEMED TO BE UNIVERSITY)  
Master of Optometry (Semester-II) Examination November 2025**

**Time: 3 Hrs.**

**[Max. Marks: 100]**

**Ocular Diseases and Diagnostics  
Q.P Code: MA2040**

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

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Classify Diabetic Retinopathy. Discuss the clinical features and management.
2. Write a note on corneal topography and its clinical importance.

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Discuss UBM.
4. Discuss stereoscopic fundus photography
5. What is Scleritis and how do you differentiate from Episcleritis?
6. Discuss VEP.
7. Define and Classify ARMD. Add a note on Clinical features and management.
8. Discuss pre evaluation of cataract surgery



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**Examination**

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**[Max. Marks: 100]**

**Advance Contact Lens I**  
**Q.P Code: MA2051**

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

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Expand RGP Contact Lens and Manufacturing of RGP lenses. Write about Fitting Procedure of RGP Lenses.
2. Define and Classify Contact Lens. Explain in detail about contact lens fitting in Keratoconus.

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Write a note on Clinical Instrumentation in Contact lens Practice.
4. Write a note on Contact Lens Fitting Philosophies.
5. Discuss about Therapeutic Contact Lenses.
6. Contact lens fitting in Aphakia and Pseudophakia.
7. Discuss the Anatomy and Physiology of Tear Film with a neat diagram.
8. Write a note on Mechanical adverse effects of Contact Lens.

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**[Max. Marks: 100]**

**Low Vision and Geriatric Optometry**  
**Q.P Code: MA2060**

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

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Discuss the senile changes in the eye.
2. Define and Classify Low Vision. How do you assess low vision patients?

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Strategies of visual rehabilitation among patients with peripheral field loss.
4. Briefly explain history taking in Low vision.
5. Explain the role of Optometrist in multidisciplinary care of Geriatric Patients.
6. Discuss about Dual Vision and Hearing Impairment.
7. Discuss Low Vision in HIV patients.
8. Describe Ocular manifestation in Diabetes Mellitus.

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**[Max. Marks: 100]**

**Research Methodology & Biostatistics**  
**Q.P Code: MA2070**

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

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. a) What is dispersion? Explain in detail various measure of dispersion with examples  
b) A new drug is given to 10 hypertensive patients and the reduction in their BP is given below.  
BP(mmHg): 15, 13, 14, 03, 20, 13, 17, 21, 16, 13  
The manufacturer claims that the reduction in BP due the drug is not less than 15mmHg.  
Test whether manufacturer claim is true.
2. Describe the tools for data collection with examples. How do you standardize these tools to overcome Bias?

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Discuss in detail methods of data presentation with examples
4. Describe the standard characteristics of a research objective. Describe how you critically review a research article.
5. Explain the guiding rules for tabulation. What are requisites of good table?
6. Compare and contrast Case-control and Cohort studies
7. Describe the basic structure of a Research report or Manuscript.
8. Discuss in detail probability sampling methods.