



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Optometry First Year (Semester-II) November 2024 Examination

Time: 3.00 Hrs.

[Max. Marks: 100]

Ocular Diseases and Diagnostics

Q.P Code: M2740

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. What is Keratconus. Describe the etiology, clinical signs and management of keratoconus.
2. Define Proptosis. Mention the different types of Exophthalmometry. Describe the etiology, clinical features, and investigations in evaluating proptosis.

SHORT ESSAY

6X 10 = 60 Marks

3. Discuss Specular microscopy.
4. What is Orbital cellulitis? Mention the etiology, clinical features and treatment.
5. Discuss HRT.
6. Describe the types of Retinal Detachment and its management.
7. Describe EOG and its uses.
8. Describe the clinical features and management of Graves Ophthalmopathy.

*** * ***



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Master of Optometry Semester-II November 2024 Examination

Time: 3 Hrs.

[Max. Marks: 100]

Advanced Contact Lens-I
Q.P Code: M2751

*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. Write about RGP contact lens fitting and it's evaluations
2. Define Keratoconus. Write about Contact lens fitting philosophies in Keratoconus patients

SHORT ESSAY

6X 10 = 60 Marks

3. Discuss the Physical properties of contact lens materials.
4. Describe Bifocal/Multifocal Contact Lens
5. Write a note on material of contact lens
6. Describe contact lens related complications
7. Describe about orthokeratology.
8. Fitting of therapeutic lenses and its indications.

* * *



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Optometry First Year (Semester-II)

November 2024 Examination

Time: 3 Hrs.

[Max. Marks: 100]

Pediatric Optometry & Binocular Vision

Q.P Code: M2760

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Define esotropia. Classify the esotropia with investigations and treatment.
2. Discuss Visual acuity assessment in children.

SHORT ESSAY

6X 10 = 60 Marks

3. Mention the treatment options for amblyopia
4. Describe the tests for BSV
5. Discuss the management of a case of Accommodative esotropia
6. Describe the clinical features and management of essential infantile esotropia.
7. Duane's retraction syndrome
8. Diagnosis and management of convergence excess.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Optometry First Year (Semester-II)

November 2024 Examination

Time: 3 Hrs.

[Max. Marks: 100]

Low vision care and geriatric optometry

Q.P Code: M2770

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the etiology, clinical features and management of ARMD.
2. Discuss the visual assessment in children

SHORT ESSAY

6X 10 = 60 Marks

3. Enumerate the physiological changes of the eye during old age
4. Classification of ocular trauma.
5. Describe the clinical features & Management of Senile cataract
6. Discuss Vision and Dementia
7. Enumerate the causes of low vision in HIV patient.
8. Discuss the role of Genetics in Low vision.

*** * ***



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Optometry First Year (Semester-II) November 2024 Examination

Time: 3 Hrs.

[Max. Marks: 100]

Research Methodology & Statistics

Q.P Code: M2780

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Define central tendency. Calculate 3 important measures for the following data on pain scores 20, 23, 19 .66, 22, 70.58,65,69,67 which is ideal measure of average for the data?
2. Describe the steps in conducting a Randomized Controlled Trial

SHORT ESSAY

6X 10 = 60 Marks

3. Describe various scale of measurement with examples
4. Diagrammatic presentation of data
5. Non-probability sampling methods
6. Discuss the purpose and types of Student t test in data analysis
7. Describe the advantages and disadvantages of Case-control study.
8. Define Bias in Research. Describe the various types of Bias with suitable examples.

* * *

