

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**



**(A DEEMED TO BE UNIVERSITY)**

**B.Sc. Allied Health Sciences Third Year (Semester-V)**

**September 2022 Examination**

**B.Sc. Ophthalmic Technology & Optometry**

**Time : 2.30 Hrs.**

**[ Max. Marks : 80]**

**SUBJECT: OCULAR DISEASE -II**

**Q.P Code : J5680**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Classify Optic neuritis. Describe in detail the evaluation of optic nerve function tests.
2. Describe the various tests of malingering.

**SHORT ESSAY (Answer any 6)**

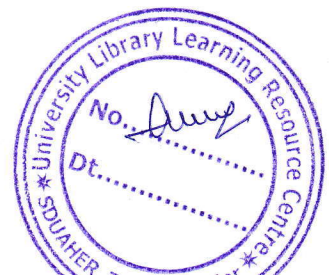
**6 X 5 = 30 Marks**

3. Classify retinal vascular occlusions & Describe the fundus changes in Central Retinal Vein Occlusion.
4. Define Papilledema. Describe the various stages of papilledema.
5. Discuss colour vision defects.
6. Describe the fundus changes in Diabetic Retinopathy.
7. Describe the etiology & clinical features of Retinoblastoma.
8. Classify Retinal detachment and management of Rhegmatogenous Retinal detachment
9. Classify and describe the clinical features of Optic Atrophy.
10. Define Phakomatoses. Describe the ocular manifestations in Neurofibromatosis.

**SHORT ANSWERS (Answer any 10)**

**10 X 3 = 30 Marks**

11. Mention the attachments of Vitreous Humor.
12. Mention 3 causes for night blindness.
13. Mention 3 tumors of optic nerve.
14. Mention 3 differential diagnosis of Disc edema.
15. Mention 3 causes of Vitreous haemorrhage.
16. Mention 3 congenital anomalies of optic nerve head.
17. Mention the visual field defects in optic chiasmal lesions.
18. Mention 3 clinical features of giant cell arteritis.
19. Mention 3 causes of Hydrocephalus.
20. Classify hypertensive retinopathy.
21. Mention 3 features of Leber hereditary optic neuropathy.
22. Mention 3 differences between optic neuritis and papilloedema.





**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**B.Sc. Allied Health Sciences Third Year (Semester-V)**

**September 2022 Examination**

**B.Sc. Ophthalmic Technology & Optometry**

**Time : 2.30 Hrs.**

**[Max. Marks : 80]**

**SUBJECT: CLINICAL AND ADVANCED ORTHOTICS & OPTICS**

**Q.P Code : J5690**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Discuss Synoptophore.
2. Define, classify and describe the management of Amblyopia.

**SHORT ESSAY (Answer any 6)**

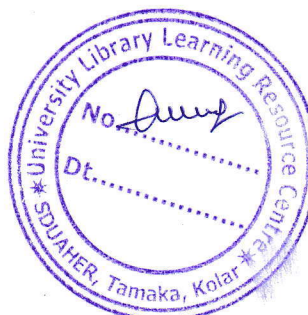
**6 X 5 = 30 Marks**

3. Write briefly on Ac/A Ratio.
4. Discuss Pleoptics.
5. Discuss Diplopia.
6. Describe the types and uses of Occlusion.
7. Describe the grades of BSV.
8. Discuss the uses of Prisms in oculomotor disorders.
9. Describe Eccentric Fixation.
10. Discuss Maddox rod.

**SHORT ANSWERS (Answer any 10)**

**10 X 3 = 30 Marks**

11. Mention 3 disorders of accommodation.
12. Define Yolk Muscle and explain.
13. Mention 3 tests for colour vision.
14. Discuss Worth 4 Dot test.
15. Mention types of near vision chart.
16. What is Bruckners test?
17. Define Latent Squint.
18. Classify Nystagmus.
19. What is Sherrington's Law?
20. Cover test.
21. Discuss Near Point of Convergence.
22. Mention 3 causes of Paralytic Squint.





**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**B.Sc. Allied Health Sciences Third Year (Semester-V)**

**September 2022 Examination**

**B.Sc. Ophthalmic Technology & Optometry**

**Time : 2.30 Hrs.**

**[ Max. Marks : 80]**

**SUBJECT: COMMUNITY OPHTHALMOLOGY**

**Q.P Code : J5700**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 × 10 = 20 marks**

1. What is Blindness? What are the types of Blindness? Enumerate the causes for Blindness in India. (2+3+5)
2. Describe the Clinical Features of Vitamin A deficiency as per WHO Grading. Discuss the management and prophylaxis of Vitamin A deficiency in India. Enumerate foods which are rich in Vitamin A. (3+5+2)

**SHORT ESSAY (Answer any Six)**

**6 × 5 = 30 marks**

3. Describe the Trachoma Rapid Assessment Survey?
4. Describe the Proposed structure for Vision 2020 Under NPCB?
5. Discuss the precautions to be taken for Eye Donation at home after Death.
6. What is an Eye donation? What are the Contraindications for Eye Donation? (1+4)
7. Describe the duties and responsibilities of a Community Optometrist.
8. What are the components of Primary Eye Care?
9. Describe the Objectives of Eye Bank.
10. What are the aims of Blindness Survey? What are its Uses? (2+3)

**SHORT ANSWER (Answer any Ten)**

**10 × 3 = 30 marks**

11. Enumerate three causes for Blindness in Children?
12. Describe SAFE strategy?
13. What is the role of the School teacher in prevention of Blindness in Children?
14. List six diseases covered under NPCBVI?
15. List the major obstacles for Eye Donation in India?
16. Global Eradication of Trachoma.
17. List the Fundusoscopic findings/ signs in Hypertensive Retinopathy.
18. Enumerate the Cicatral stages of Trachoma.
19. Describe the Bitot's Spots.
20. Describe the Pterygium.
21. What are the various types of Eye Camps.
22. Enumerate three causes for Congenital Cataract.

