

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

**(A DEEMED TO BE UNIVERSITY)**

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

**July/August– 2019 Examination**

**Time : 2.30 Hrs.**

**B.Sc. Ophthalmic Technology (OPH)**

**[Max. Marks : 80]**

**Paper-II**

**Investigations in Clinical Ophthalmology**

**Q.P Code : AHS - 142**

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Discuss Perimetry
2. Discuss Colour Vision tests

**SHORT ESSAY (Answer any Six)**

**6 X 5 = 30 Marks**

3. A – Scan – principle
4. Fundus Photography
5. Principle of Dark Adaptometer
6. Principle of Gonioscope
7. Contrast Sensitivity tests.
8. Indications for Anterior segment photography
9. Lacrimal syringing technique
10. Use of Lasers in Ophthalmology

**SHORT ANSWERS (Answer any Ten)**

**10 X 3 = 30 Marks**

11. Indications of Lacrimal syringing.
12. Uses of A-scan
13. Indications for Fundus Photography
14. Technique of FFA
15. Normal visual field
16. Different illuminations in slit lamp
17. Nd:YAG laser
18. Contrast sensitivity abnormalities.
19. 3 mechanism of action of lasers.
20. Uses of dark adaptometer
21. Colour vision defects
22. FFA complications.

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**Paper-III**

**Management of OT**

**Q.P Code : AHS - 143**

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

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Discuss about Operation Theatre sterilization techniques. How are ophthalmic instruments sterilized?
2. Discuss about maintenance of surgical instruments and ophthalmic equipments.

**SHORT ESSAY (Answer any Six)**

**6 X 5 = 30 Marks**

3. Write short notes on macular function tests.
4. How to achieve asepsis?
5. Preparation of sterile trolley for cataract surgery.
6. Differences between pterygium and pseudopterygium.
7. Causes for hard exudates and soft exudates.
8. Define iridocyclitis. What are the symptoms of acute iridocyclitis?
9. Define Blepharitis and mention the types of blepharitis.
10. Write short notes on anaesthetic agents.

**SHORT ANSWERS (Answer any Ten)**

**10 X 3 = 30 Marks**

11. What is retinoblastoma? Write a note on its inheritance.
12. Clinical features of Desmetocele.
13. Write the clinical features of Hordoleum externum.
14. Clinical features of choroidal detachment.
15. Causes for leucocoria.
16. Mention the types of Retinal detachment.
17. Define papilloedema. What are the clinical features of papilloedema?
18. Classify infective keratitis.
19. Complications of chalazion.
20. Mention the causes for night blindness.
21. Define glaucoma and classify.
22. Define conjunctivitis and classify.