

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences Third Year Semester-VI

Examination

B.Sc. Ophthalmic Technology

Time : 2.30 Hrs.

[Max. Marks : 80]

Subject: Community Ophthalmology

Q.P Code : J6320

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Rationales for establishing District Blindness Control Society.
2. Discuss Eye camp.

SHORT ESSAY (Answer any six)

6 X 5 = 30 Marks

3. Vision screening programme in school.
4. Programme under National Programme for Control of blindness.
5. Functions of eye bank.
6. Strategies to reduce diabetic retinopathy.
7. Legal aspects of eye donation.
8. Vision 2020.
9. Measures to control corneal Blindness
10. Strategies for control childhood blindness

SHORT ANSWERS (Answer any ten)

10 X 3 = 30 Marks

11. Features of Vitamin A deficiency
12. Causes of Low vision
13. Safe strategy for Trachoma
14. Define corneal blindness
15. Economic blindness
16. Eye health education
17. Define social blindness
18. WHO prevention
19. Cataract Screening
20. Causes of Night Blindness
21. Malnutrition
22. Visual impairment due to diabetes mellitus

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B.Sc. Allied Health Sciences Third Year Semester-VI

July / August 2019 Examination

B.Sc. Ophthalmic Technology

Time : 2.30 Hrs.

[Max. Marks : 80]

Subject: Investigations in Clinical Ophthalmology

Q.P Code : J6330

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

LONG ESSAY

2 x10=20 Marks

1. Define perimetry? Write the types of perimetry? Explain in detailed about automated perimetry.
2. Write briefly about fundus fluorescein angiography of retina? And list the indication and contraindication of FFA?

SHORT ESSAY (Answer any six)

6 X 5 = 30 Marks

3. Write a note on B-scan ultrasonography?
4. Schiotz tonometer
5. Describe about laser therapy in Diabetic retinopathy
6. Enumerate about colour vision chart?
7. Explain optics and procedures of keratometry.
8. Discuss about the ocular photography
9. Write the principle of tonometry and explain various types of tonometer?
10. Define contrast sensitivity? And conditions affecting contrast sensitivity?

SHORT ANSWERS (Answer any ten)

10 X 3 = 30 Marks

11. Mention the charts used in colour vision.
12. Enumerate the types of laser and mention few uses of the same
13. Mention 3 uses of B-scan ultrasonography
14. List the types of illumination in slit lamp
15. Write the clinical applications of jones dye test
16. +20D Lens
17. Describe negal's ammaloscope test
18. Mention the types of gonioscope
19. Enumerate the principle of ultrasonography
20. Mention the uses of dark adaptometry
21. Mention the diagnostic application of ultrasonography.
22. Mention the fundus findings in diabetic retinopathy

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B.Sc. Allied Health Sciences Third Year Semester-VI

July / August 2019 Examination

B.Sc. Ophthalmic Technology

Time : 3 Hrs.

[Max. Marks : 80]

Subject: Management of OT

Q.P Code : J6340

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Discuss the layout of operation theatre
2. How are ophthalmic surgical instruments maintained?

SHORT ESSAY (Answer any six)

6 X 5 = 30 Marks

3. Discuss the disinfection protocol for OT
4. Enumerate Macular function tests
5. Indications of anaesthetic agent
6. What is retinoblastoma & mention its causes
7. What is retinal detachment & describe the types and clinical features
8. Define night blindness and its causes?
9. What is iridocyclitis and mention the symptoms of acute iridocyclitis
10. Differentiate between pterygium and pseudo pterygium.

SHORT ANSWERS (Answer any ten)

10 X 3 = 30 Marks

11. What is retinal detachment? Mention the types.
12. Symptoms of papilledema.
13. Symptoms of choroidal detachment.
14. Causes of Night blindness.
15. Define papilledema.
16. Maintenance of Contact lens equipment.
17. Autoclaving.
18. What is the use of Hot air oven?
19. Define and classify iridocyclitis.
20. Mention few complications of peribulbar anaesthesia.
21. Causes and symptoms of chalazion.
22. Atropine.