



Subject : : Ocular Disease -1 (Anterior segment Disease)

Q.P Code : K4220

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

Long Essay

2 X 10 = 20 Marks

1. Describe Blepharitis- its types, signs, symptoms, etiology & management in detail.
2. Describe degenerations and dystrophies of Cornea.

Short Essay

6 X 5 = 30 Marks

3. Write a note on Bacterial Conjunctivitis.
4. Write a note on Normal Tension Glaucoma.
5. Describe evaluation of Ptosis.
6. Write the symptoms, signs and types of Scleritis.
7. Write a short note on lacrimal system with diagram.
8. Write a short note on corneal ulcer.

Short Answers

10 X 3 = 30 Marks

9. Mention the instruments to measure Intra ocular pressure (IOP).
10. Write about Entropion.
11. Write a short note on vernal keratoconjunctivitis.
12. Write a short note on Preseptal cellulitis.
13. Write a short note on Panophthalmitis.
14. Write a short notes on Allergic Conjunctivitis.
15. Differentiate POAG and PACG.
16. Write about complications of cataract surgery.
17. Describe Buphthalmos.
18. List common eye lid swellings and their management.

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SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences Second Year (Semester-IV)

October 2023 Examination

Bachelor of Optometry

Time : 2.30 Hrs.

[Max. Marks : 80]

Subject: Ophthalmic & Optical instrumentation & procedures

Q.P Code : K4240

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. What is contrast sensitivity? What are the various methods to measure it? How do different types of intraocular lenses influence contrast sensitivity?
2. What is the magnification achieved by indirect ophthalmoscopy and + 90 D biomicroscopy examination and discuss advantages and indications of both procedures

SHORT ESSAY

6 X 5 = 30 Marks

3. Write a note on Fundus Fluorescein Angiography.
4. Describe about cryo technique.
5. Write about Syringing & Lacrimal function tests.
6. Principle & functions of Autorefractometer.
7. Write about use of Jackson cross cylinder.
8. How to interpret Hess chart in sixth cranial nerve palsy.

SHORT ANSWERS

10 X 3 = 30 Marks

9. Types of keratometer
10. Advantages and disadvantages of indirect gonioscopy
11. 3 Applications of Nd: Yag lasers
12. Indications for LASIK and Excimer Laser
13. Methods of illumination in slit lamp biomicroscopy
14. Types of Tonometer
15. Indications of 'A' scan & 'B' scan
16. Write about Hruby lens
17. Theories of color vision
18. Optics of telescopes and binoculars

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B.Sc. Allied Health Sciences Second Year (Semester-IV)

October 2023 Examination

Bachelor of Optometry



Time : 2.30 Hrs.

[Max. Marks : 80]

SUBJECT : Refraction Investigative ophthalmology

Q.P Code : K4250

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. What is aphakia. Describe the aetiology, clinical feature and treatment of aphakia.
2. Causes of post-cataract surgery astigmatism. Write on different treatment available.

SHORT ESSAY

6 X 5 = 30 Marks

3. What is penalization and describe the technique?
4. Describe a Maddox rod and mention its role in the evaluation of phoria.
5. Mention the types of occlusion & its importance.
6. Classify Astigmatism & describe the clinical features & management of the same.
7. Describe Jackson cross cylinder.
8. Write about Objective refraction.

SHORT ANSWERS

10 X 3 = 30 Marks

9. Describe pencil push up test.
10. Write a note on modified torington chart.
11. Give the clinical applications of Hess screening.
12. Define presbyopia.
13. Mention the types of nystagmus.
14. Mention 3 causes for Paralytic squint.
15. Describe the methods of objective refraction.
16. Give the applications of Maddox rod.
17. Give applications of RAF ruler.
18. Mention 3 visual acuity test charts.