

UP STATE PARAMEDICAL FACULTY



DIPLOMA IN OPTOMETRY -- 110

DURATION - 02 YEARS+3 month internship

SYLLABUS: FIRST YEAR

TOPICS

1. General Anatomy & Physiology ,
2. Ocular Anatomy ,
3. Ocular Physiology,
4. Physical Optics ,
5. Prism & Lenses ,
6. Retinoscopy & Refraction Technique ,
7. Transposition
8. Refractive Error

SECOND YEAR

TOPICS

1. Disease of Eye ,
2. Diagnostic Instrument ,
3. Pharmacology, Pathology & Microbiology
4. Mechanical Optics ,
5. Public Health,
6. Community Ophthalmology

FIRST YEAR -- Paper I

Topics/subject	Marks	Duration
General Anatomy & Physiology ,Ocular Anatomy Ocular Physiology	75	3hours
INTERNAL ASSESSMENT	25	

Paper II

Topics/subject	Marks	Duration
Physical Optics , Prism & Lenses , Retinoscopy & Refraction Technique , Transposition , Refractive Error	75	

INTERNAL ASSESSMENT	25	100	3hours
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FIRST YEAR - PRACTICAL

Topics/subject	Marks		Duration
General Anatomy & Physiology, Ocular Anatomy & Physiology , Physical & Physiological Optics	75	100	3hours
WARD MARKS	25		

SYLLABUS FOR DIPLOMA IN OPTOMETRY --- SECOND YEAR

Paper I

Topics/subject	Marks		Duration
Disease of Eye , Diagnostic Instrument Pharmacology, Pathology & Microbiology	75	100	3hours
INTERNAL ASSESSMENT	25		

SECOND YEAR - Paper II

Topics/subject	Marks		Duration
Mechanical Optics , Public Health Community Ophthalmology	75	100	3hours
INTERNAL ASSESSMENT	25		

SECOND YEAR - PRACTICAL

Topics/subject	Marks	Duration
Disease of Eye , Mechanical Optics , Diagnostic Instrument Pharmacology, Pathology & Microbiology Community Ophthalmology	75	100
WARD MARKS	25	3hours

