

BHARATHIAR UNIVERSITY, COIMBATORE-641 046
B.Sc –Optometry (4 Years Degree Course with One year Compulsory Internship)
 (For the CPP/COP students admitted during the academic year 2015-16 & onwards)

SCHEME OF EXAMINATION – CBCS PATTERN

Part	Course Title	Ins. hrs / week	Examinations				Credits
			Dur. Hrs	CIA	Mar k	Tot al	
	SEMESTER – I						
I	Language-I	5	3	25	75	100	4
II	English-I	5	3	25	75	100	4
III	Core- I : General Anatomy & Physiology	4	3	25	75	100	4
III	Core-II : Physical Optics	3	3	25	75	100	4
III	Major Practical-I	3	-	-	-	-	-
III	Allied Paper-I : Biochemistry	3	3	25	75	100	4
IV	Environmental Studies #	2	3	-	50	50	2
	SEMESTER – II						
I	Language-II	5	3	25	75	100	4
II	English-II	5	3	25	75	100	4
III	Core- III : Ocular Anatomy & Physiology	3	3	25	75	100	4
III	Core-IV : Geometrical Optics	3	3	25	75	100	4
III	Major Practical-I : Physical & Geometric Optics	3	3	40	60	100	4
III	Allied II – Microbiology	3	3	25	75	100	4
IV	Value Education – Human Rights #	2	3	-	50	50	2
	SEMESTER – III						
III	Core-V : Optometric Optics	3	3	25	75	100	4
III	Core-VI : Visual Optics-I	3	3	25	75	100	4
III	Core-VII :Optometric Instruments & Examination of Visual System	3	3	25	75	100	4
III	Core-VIII : Ocular Disease-I	3	3	25	75	100	4
III	Major Practical-II	2	-	-	-	-	-
III	Allied Paper III : Pharmacology	4	3	25	75	100	4
IV	Tamil @ / Advanced Tamil # (or)Non-major elective-I : Yoga for Human Excellence # / Women’s Rights #	2	3	50		50	2
	SEMESTER – IV						
III	Core-IX : Visual Optics-II	3	3	25	75	100	4
III	Core-X : Dispensing Optics	3	3	25	75	100	4
III	Core XI : Systemic Disease	3	3	25	75	100	4
III	Core XII : Ocular Disease-II	3	3	25	75	100	4
III	Major Practical-II : Examinations of Visual System	3	3	40	60	100	4
III	Allied IV – Pathology	3	3	25	75	100	4
IV	Tamil @ /Advanced Tamil # (or) Non-major elective - II : General Awareness #	2	3	50		50	2

SEMESTER – V							
III	Core XIII – Contact Lens-I	4	3	25	75	100	4
III	Core XIV –Binocular Vision-I	4	3	25	75	100	4
III	Core XV – Low Vision Aid	4	3	25	75	100	4
III	Core XVI –Occupational Optometry	4	3	25	75	100	4
III	Major Practical-III	3	-	-	-	-	-
III	Elective-I	3	3	20	55	75	3
SEMESTER – VI							
III	Core XVII – Contact Lens-II	4	3	25	75	100	4
III	Core XVIII –Binocular Vision-II	3	3	25	75	100	4
III	Core XIX – Geriatric & Pediatric Optometry	4	3	25	75	100	4
III	Major Practical-III: Contact Lens & Low Vision Aid	4	3	40	60	100	4
III	Elective-II	4	3	20	55	75	3
IV	Project Work & Viva-Voce* (Project-120 mks. & Viva-30 mks)	10	-	-	-	150	6
V	Extension Activities @	-	-	-	-	50	2
SEMESTER-VII - Compulsory Rotating Clinical Internship							
VI	Special Clinic-I* (Report-200 mks.& Viva-50 mks)	-	-	-	-	250	10
VI	Special Clinic-II* (Report-200 mks.& Viva-50 mks)	-	-	-	-	250	10
SEMESTER-VIII - Compulsory Rotating Clinical Internship							
VI	Special Clinic-III*(Report-200 mks.& Viva-50 mks)	-	-	-	-	250	10
VI	Special Clinic-IV* (Report-200 mks.& Viva-50 mks)	-	-	-	-	250	10
TOTAL						4550	182

@ No University Examinations. Only Continuous Internal Assessment (CIA)

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* Project Report : 80% and Viva-Voce Examinations: 20% .

List of Elective Papers (Colleges can choose any one of the paper as Electives)		
Elective – I	A	Nutrition
	B	Law & Optometry
	C	Clinical Psychology
Elective – II	A	Community Optometry
	B	Operation Theatre Techniques
	C	Nursing Procedure

List of Special Clinic for Internship (Candidate can choose any one of special clinic)

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|----------------------------------|------------------------------|
| 1. Contact Lens Clinic | 8. Refractive Surgery Clinic |
| 2. General Ophthalmology Clinic | 9. Retina Clinic |
| 3. Glaucoma Clinic | 10. Cornea Clinic |
| 4. Ophthalmic Ultra Sound Clinic | 11. Pediatric Ophthalmology |
| 5. Low Vision Aid Clinic | 12. Squint Clinic |
| 6. Ophthalmic Imaging Clinic | 13. Oculoplasty Clinic |

Note: There is no classification for Part VI (on par with Part IV and V in the UG Regulations). However, these parts shall be awarded with grades and marks in the statement of marks and in the consolidated statement of marks.

The existing syllabus to be followed for the above papers.