Q.P:-Code 203013	Reg. No.:
Second Year B.Sc Optometry Degree Examina	ations - October 2012
Visual Optics Time: 3 hrs	Max marks : 80
Answer all questionsDraw diagram wherever necessary	
Essays	(2x15=30)
 Define hypermetropia and mention its components. spectacle lens. Enumerate in detail the various techniques of subjective r 	
Short notes	(5x5=25)
 Fresnel prism. Draw the schematic representation of reduced eye and m Pathological myopia Presbyopia Pin hole 	nark the cardinal points.
Answer briefly	(10x2 = 20)
8. Optics of neutrality in retinoscopy9. Near point of accomodation10. Depth of focus11. Maddox rod12. The prentice rule	
13. Do the toric transposition of +3.5 D sph /+ 2.0 D cyl 1800 14. Calculate the spherical equivalent of +1.0 D sph/ +3.0 D of 15. Sturm conoid 16. Far point 17. Aniseikonia	,
One word answer	(5x1 = 5)
18. Candela is the unit of measure for	
22. Straddling is used to refine	
