

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Allied &amp; Health Sciences</b> <b>Back Paper Examination (Odd and Even Semester) – July - August 2024</b> <b>[Programme: Optometry] [Semester: IV ][Batch:.....]</b>				
Course Title: Visual optics-II		Max Marks: 100		
Course Code: BOPT4002		Time:3 Hrs.		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks) 5 Marks each</b>				
1.	Demonstrate how can the duochrome test be applied to determine the final prescription?	KL1	CO1	5
2.	Explain Presbyopia in detail	KL1	CO2	5
3.	Utilize your knowledge to explain the relationship between accommodation and convergence.	KL2	CO3	5
<b>SECTION-B(40 Marks) 10 Marks each</b>				
4.	Evaluate different accommodation anomalies and their impact on visual comfort and performance.	KL2	CO2	10
5.	Assess the streak retinoscopy procedure in determining refractive error.	KL3	CO2	10
6.	Deduct lead & lag of accommodation, talk about how to measure it in detail	KL3	CO3	10
7.	Deduct different accommodation anomalies in detail	KL4	CO2	10
<b>SECTION-C (45 Marks) 15 Marks each</b>				
8.	Evaluate different types of convergence and Measurement methods in detail	KL3	CO3	15
9.	Deduct different methods of finding add for near also write about factors affecting presbyopia	KL5	CO2	15
10	Evaluate the significance of incorporating binocular balancing techniques in subjective refraction procedures.	KL5	CO1	15