

School Name: School of Health Sciences
Course Title: Optometric Optics-I
Semester: III

Program Name: BOPT
Course Code: BHOP-304

- Why is grinding important in optics?
 - State the different uses of dispersion prism.
 - What are the applications of tinted lens?
 - Write the features of hand held magnifier.
 - What is the measurement of frames?
 - Explain the importance of transposition of lens with two examples.
 - Write a short note on the decentration techniques used in ophthalmic lens.
 - Explain the classification and materials of glasses lens along with its limitations.
 - Elaborate the concept of high index lens along with its examples and advantages.
 - Describe the working and limitation of protective lens.
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- Describe the manufacture, uses and functions of ophthalmic prism.
 - Discuss the different types of lens used for designing the eye piece.
 - Discuss the different types of lens grinding process along with its uses.
 - State the definition of center of curvature.
 - What are the uses of lens?
 - Name the different types of material used for making the lens.
 - Define the term magnifier.
 - Give the different uses of spectacle magnifiers.
 - Enumerate the different types of lens centering techniques along with its limitations.
 - Explain the different types of steps involved in resolving prism along with its diagram.
 - Discuss the working and limitation of protective lens.
 - Elaborate the significance, uses and importance of tinted lens.
 - Describe the components and functions of spectacle frames.
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- Describe the 3 rules used for lens transposition with three examples.
 - Discuss the notation of prism for the conversion of 180 degrees to 360 degrees along with its examples.
 - Describe the differences between single vision, bifocal, trifocal , progressive and tinted lens along with its examples.