

NAME: SHEKONI OLUWASEYITAN

DEPARTMENT: BIOMEDICAL ENGINEERING

MATRIC NUMBER: 18/ENG02/087

COURSE TITLE: HUMAN PHYSIOLOGY II (PHS 212)

ASSIGNMENT QUESTION: Write short notes on any two eye defects.

### MYOPIA or NEARSHIGHTED

myopia occurs when the eyeball is too long, relative to the focusing power of the cornea and lens of the eye . This causes light rays to focus at a point in front of the retina, rather than directly on its surface if youre nearsighted, the first number (“sphere”) on your glasses prescription will be preceded by a minus sign (-). The higher the number, the more nearsighted you are.



## HYPEROPIA or FARESIGHTED

This vision problem occurs when light rays entering the eye focus behind the retina, rather than directly on it. The eyeball of a farsighted person is shorter than normal

Farsightedness can be corrected with glasses to change the way light rays bend into the eyes. If your glasses begins with plus numbers, like +1.50, you are farsighted

