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**MATRIC NO: 18/MHS02/197**

**COURSE: PHS 212**

**MYOPIA**

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

**HYPEROPIA**

This vision problems 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