

(a) i - The Corti organ helps us to hear and if this organ is damaged it leaves that person either completely deaf or partial deaf, it depends on the damage. It controls the main part of the ear that allows us to hear.

ii - Wavelength is the length in which the wave is measured and how far it reaches, the distance. Frequency is how many times the wavelength reaches a certain height. The pitch of a sound is how low or how high that ~~sound~~ ~~sound~~ sound is. These can all be measured.

iii - Not Attempted.

(b) i - Not attempted

ii - Not attempted.

(c) i

ii - The lower the thickness of the lens the higher the focal length gets.

iii - The human eye can focus objects from different distances because of the lens and how far the lens can focus different objects at different distances.

(d) The retina is positioned at the back of the eye and it is mainly responsible ~~for~~ for letting ~~a~~ light into the eye and how much light the eye receives. Being positioned at the back of the eye helps the structure of the eye and ~~the~~ other parts and their functions. The electrochemical signals are then passed on around the rest of the eye.

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Biology

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