

a)

- 1) Photoreceptor cells are located in the retina
- II) The Conjuctivo is lobelled B and it protects

The Chlorid is lobelled A and it is the thick, transparent outer layer of the eye that gives the eye its shape and protects the eye

- to determine the location of the sound. If it appears to be word, like a homen, discotron would confirm this.
 - cricket uses Friction of it's hind leas to produce sound. We can produce sound through friction. Ve could also confirm the cound production through comparison with other animals botten

known to us.



c) Cataracts are the clouding of the lens and technology can be used to extract the lens using laser and replaced with an artificial lens to allow light to once again pass through the leye.



al point convex iers proceeded to place , mis increased the focal point const concave lense 1005 convex lens 01/WB8



(e) Two devices designed to assist people with different types of hearing impairment are The Bi-onic Ear device and The Hearing aid device. The appropriations Of These two devices can be examined - Firstly the Heuring aid device is a mechanism that is tangible, it is placed on the outside of the ear behind the prima with an amplifying device that is placed into The tymphonic auditory canal The hearing aid is for Sufferes that have a Problem heering though one not completely deaf. As Sound waves enter the ear the mechanism amplifies the Sound this intum will function like a normal ear This device would not be appropriate for a chronic hearing impairment where person is completely deaf The Bi- onic ear clerice is clesigned to assist people that one completely unpowed of hearing. This device is needed to be Surgically inserted into the ear, The Dionic ear is able to trigger electrical improves through to the inner por and then to the auditer, here whereby the nerve menages trovel to the auditent area of the cerebration. brain. The device is hidden and is not visible to The

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