HSC 2002 - Biology Band 3/4 - Sample 2 **Question 28** BOARD OF STEDIES Question 28 a) (1) The organ of Corti is in the cochlear duct and bos ting fine hairs that recieve vibrations transmitted into sounds that is the brain wave length, frequency and produced by sound are length amplitude. a wave length is the length between each wave · frequencey is the number of nowes produced. · pitch is also known as amplitude of or volume. This is measured decibels. You can have high and

HSC 2002 - Biology Band 3/4 - Sample 2 **Question 28** ARD OF STEDIES (111) Two structures so such as a voice box and wings allows to produce sounds animals The voice box in dogs for example allows them to bark or woof Wings on & insects allows them to cloup together to provduce sound (1) Cerebrum - towards the top the brain, usually a white matter Cerebellum - usually a white matter underneath the cerebrum medulla oblanata-usually a gre matter cerebrum speech (at the top). (11)nedula Oblongata hearing smell tas cevebellum

HSC 2002 - Biology Band 3/4 - Sample 2 **Question 28** ARB OF STUDIES (1) As the thickness of the lens decrease, the focal rength increases 111) The human eye can focus because of the accomodation the eye. If looking at thing in the distance our lens become thin so we can see. As stated in the table, 10 mm lens has a focal length of 12.5 cm, therefore accomodating eye

he refind pransforms transforms electochemical signals into light signals. This hamppens by photoveceptor cells, and chemeri chemical receptor cells. vod cells detecta light. chemical receptor cells light detect the 5

BOARD OF STEDIES BOARD OF STEDIES		HSC 2002 - Biology Band 3/4 - Sample 2 Question 28
transforms signals	in to	electro chemical
- -		

## 2002 HIGHER SCHOOL CERTIFICATE EXAMINATION BIOlogy

This page is to be detached, completed and attached to the inside front cover of your writing booklet for the option question you have attempted.

