**13.9** What is a stimulus?  
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**13.10** Name two parts of the body which contain receptors of chemical stimuli.  
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**13.11** Which part of the eye contains cells which are sensitive to light?  
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**13.12** Your brain can build up a very clear image when light is focused onto the fovea. Explain why it can do this.

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**13.13** If you look straight at an object when it is nearly dark, you may find it difficult to see it. It is easier to see if you look just to one side of it. Explain why this is.  
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**13.14** What is the choroid, and what is its function?  
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**13.15** List, in order, the parts of the eye through which light passes to reach the retina.  
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**13.16** Name two parts of the eye which refract light rays.  
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**13.17** What is meant by accommodation?

**13.18** **a** What do the ciliary muscles do when you are focusing on a nearby object?

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**b** What effect does this have on:

**i** the suspensory ligaments?  
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**ii** the lens?  
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