**Yr 9 Science Light – Eye structure and function**

**1a** Label the following structures of the eye.



**j**

**a**

**i**

**b**

**h**

**c**

**d**

**e**

**g**

**f**

**1b** State the function of the following structures.

2. Match the following terms with their appropriate function by placing the appropriate letter next to each statement.

|  |  |  |  |
| --- | --- | --- | --- |
| A  | Lens  | Transmit nerve message from the retina to the brain. |  |
| B | Sclera  | Crystalline structure that converges light on the retina. |  |
| C  | Optic nerve | Transparent membrane that bends light as it enters the pupil.  |  |
| D  | Vitreous humour  | Tough protective membrane of the eye. |  |
| E  | Iris  | A thin membrane that houses photoreceptors where the image is focused on.  |  |
| F  | Ciliary body | Jelly-like fluid that gives the eyeball its shape. |  |
| G  | Cornea  | A muscle that changes the shape of the lens to help in focusing an image on the retina. |  |
| H  | Retina  | Pigmented layer that regulates the amount of light entering the eye. |  |