

# THE EYES

## WITH THE NAME OF ALLAH, MOST GRACIOUS, MOST MERCIFUL.

The marvellous manner in which our Rabb has designed and structured the eyes is said to be 'the envy of every engineer'.

Here are some of the special features of the eyes:-

To see objects at various distances we do not need many lenses to focus, nor do the lenses in the eyes have to be shifted. Our Rabb has deigned them to expand or contract by means of muscles which help us see objects at distances far or near.

When our eyes survey the world all the information pertaining to colour, movement, depth, light and shade culminates onto the retina. The retina is just the size of a postage stamp, yet it absorbs all these details for the brain to interpret.

Our Rabb has placed millions of receptors on the retina called rods and cones.

Rods enable us to see (or find our way) in darkness, and cones help us to see different colours together with an accurate vision.

Some creatures have more rods than us --- this makes them see better than us in darkness. However, as they have less cones than us, they are not able to see colours properly and so have a blurred vision.

Our Rabb has endowed us with sufficient cones in order that we may not only be able to see and distinguish the various colours, but also to see and discriminate fine detail. Had this not been so, how would we have been able to learn about 'the nature of all things?'

Listen to Sura al-Baqara (ch. 2): verse 31:-

"And He (Allah) taught Adam the nature of all things; ..."

&

Sura al-Balad (ch. 90): verse 8:-

"Have We not made for him a pair of eyes?"

### **Worksheet**

1) Why is it that our eyes do not need many lenses to see objects at various distances?

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2) Name the part of the eye that absorbs detail for the brain to interpret.

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3) What are the receptors of the retina called?

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