**Structural Composition and Functional Components of the Eye**

For each of the following components of the eye (1-10) involved in the transmission of light and/or protection of the eye:

1. Select the most appropriate structural composition
2. Mucous membrane covering anterior surface of eyeball
3. Receptors for dim light
4. Smooth, sphincter muscle
5. Transparent anterior part of sclera
6. Clear fluid filling anterior cavity
7. Composed of white, fibrous tissue
8. Voluntary muscle attached to bony orbit and superior part of eyeball
9. Area of retina containing many cones
10. Smooth muscle at anterior aspect of choroid
11. Vascular, pigmented layer
12. Select the most appropriate function
13. Regulates amount of light entering eyeball
14. Maintains intraocular pressure
15. Rolls eyeball upward
16. Changes the shape of the lens
17. Provides nutrients to retina and sclera
18. Keeps cornea moist
19. Provides shape for the eyeball
20. Discriminate between different shades of dark and light
21. Lets light into eye
22. Sharpest point of vision on retina

**Structural Composition and Functional Components of the Eye**

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| **Component** | **Column I Structural Composition** | **Column II Function** |
| 1. Conjunctiva |  |  |
| 2. Cornea |  |  |
| 3. Iris |  |  |
| 4. Sclera |  |  |
| 5. Choroid |  |  |
| 6. Rods |  |  |
| 7. Fovea centralis |  |  |
| 8. Aqueous humour |  |  |
| 9. Ciliary muscle |  |  |
| 10. Superior rectus muscle |  |  |