



Human Eye

A. Choose the correct answer:

1. The part of the eye that controls the amount of light entering is the:

- (a) Retina
- (b) Cornea
- (c) Pupil
- (d) Lens

2. What is the function of the lens in the human eye?

- (a) To protect the eye from dust
- (b) To focus light onto the retina
- (c) To maintain the shape of the eye
- (d) To detect color

3. The retina in the eye is responsible for:

- (a) Protecting the eye from injury
- (b) Focusing light
- (c) Sensing light and sending signals to the brain
- (d) Regulating the eye's size

B. Fill in the Blanks:

1. The black circle in the center of the eye that controls the amount of light entering is called the _____.
2. The transparent layer that covers the front of the eye is called the _____.
3. The part of the eye that detects light and sends signals to the brain is the _____.

C. Case Study:

A student is having difficulty seeing objects clearly from a distance. When visiting the eye doctor, the doctor diagnosed that the lens in the eye is not focusing light properly onto the retina. The doctor prescribed glasses to correct the vision.

Case Study Questions:

1. What problem does the student have with their vision?
2. Which part of the eye is responsible for focusing light onto the retina?
3. Why did the doctor prescribe glasses for the student?
4. How does the lens help in seeing objects clearly?



D. Short Answer Questions:

1. What is the role of the pupil in the human eye?
2. Explain how the retina helps us to see.
3. Why do we need glasses or contact lenses to correct our vision?

E. Long Answer Questions:

1. Describe the structure and function of the human eye, including its main parts like the cornea, lens, pupil, and retina.
 2. Explain how the eye works to help us see objects. Discuss the role of light and how it is focused on the retina.
 3. What are common vision problems, and how can they be corrected (e.g., near-sightedness, far-sightedness)?
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