

Optics in the Human Body

Optics · Practice Test · 8 Questions

1. Which part of the human eye acts like a camera lens to focus light onto the retina?

- A) Cornea
- B) Pupil
- C) Iris
- D) Lens

2. What is the transparent front layer of the eye that helps focus incoming light?

- A) Cornea
- B) Retina
- C) Sclera
- D) Optic Nerve

3. Which part of the eye controls the amount of light that enters by changing size?

- A) Lens
- B) Pupil
- C) Retina
- D) Cornea

4. Where are the light-sensitive cells called rods and cones located?

- A) The lens
- B) The cornea
- C) The retina
- D) The iris

5. What is the common term for the condition where the eye has difficulty focusing on distant objects?

- A) Hyperopia
- B) Nearsightedness
- C) Astigmatism
- D) Presbyopia

6. Which nerve is responsible for carrying visual information from the retina to the brain?

- A) Olfactory nerve
- B) Auditory nerve
- C) Optic nerve
- D) Trigeminal nerve

7. What is the name of the coloured part of the eye that surrounds the pupil?

- A) Sclera
- B) Iris
- C) Conjunctiva
- D) Retina

8. Which substance inside the eye is responsible for maintaining the eye's spherical shape?

- A) Vitreous humor
- B) Saliva
- C) Blood
- D) Tear fluid