

**MINISTRY OF EDUCATION**  
**SECONDARY ENGAGEMENT PROGRAMME**  
**GRADE 8**  
**INTEGRATED SCIENCE**

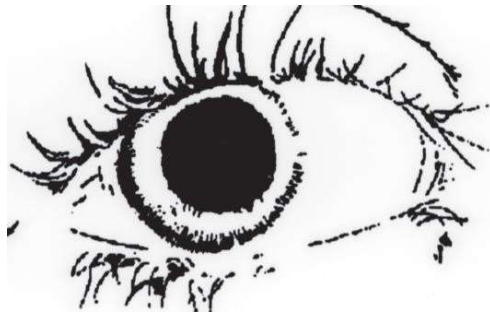
**Week 9**

**Lesson 1 - Worksheet**

**Answer All Questions**

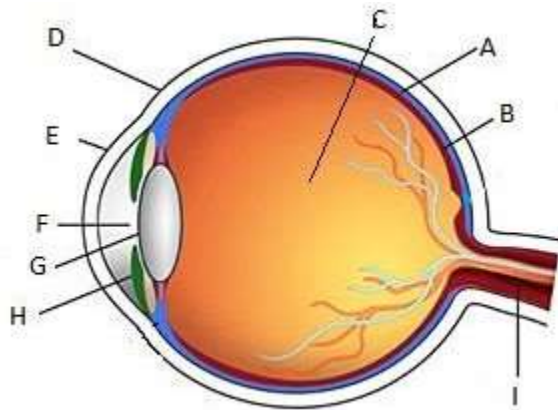
1. Which structure regulates the amount of light entering the eye?
  - A. Pupil
  - B. Cornea
  - C. Iris
  - D. Aqueous humor
2. Which of the following shows the correct order in which light enters the eye?
  - A. cornea, pupil ,lens ,retina ,optic nerve
  - B. pupil, optic nerve, lens, retina, pupil
  - C. lens, retina, pupil, optic nerve, cornea
  - D. cornea, pupil, lens, optic nerve, retina
3. Which structure of the eye contains rods and cones?
  - A. Retina
  - B. Iris
  - C. Lens
  - D. Optic nerve
4. Which structure in the eye is similar to the diaphragm in a camera?
  - A. Lens
  - B. Pupil
  - C. Retina
  - D. Iris

5. The picture below shows that



- A. the pupil expanding in a dark room
- B. the pupil contracting in a dark room
- C. the pupil expanding when there is too much light
- D. the pupil in a regular room

Questions 6-10 refer to the diagram below



6. The part of the eye labeled 'I' is called
- A. lens
  - B. cornea
  - C. iris
  - D. optic nerve
7. What is the function of the letter labeled A?
- A. It bends incoming light
  - B. It nourishes the eye
  - C. It carries impulses
  - D. It protects the eyeball

8. What happens to the ciliary muscle when you look at an object that is very far away?
  - A. The ciliary muscle relaxes and the lens flattens.
  - B. The ciliary muscle contract and the lens flatten.
  - C. The ciliary muscle relaxes and the lens indent.
  - D. The ciliary muscle relaxes and the lens remains the same.
9. The changing of the shape of the lens to focus on different distances is called
  - A. myopia
  - B. hypermetropia
  - C. accommodation
  - D. glaucoma
10. What happens to the lens when viewing near objects?
  - A. It flattens
  - B. It becomes more rounded
  - C. It remains the same
  - D. It expands

**MINISTRY OF EDUCATION**  
**SECONDARY ENGAGEMENT PROGRAMME**  
**GRADE 8**  
**INTEGRATED SCIENCE**

**Week 9**

**Lesson 1: Worksheet - Answer C**

1. A
2. A
3. D
4. A
5. D
6. B
7. A
8. C
9. B