

The Senses

1. The hammer (malleus) is a very small bone located in the ...
2. What is connected to the ear by the Eustachian tube?
3. Which is present in the middle ear, gas or liquid?
4. State the function of the cochlea.
5. State the function of the semi-circular canals.
6. Where would you find rods and cones?
7. Give **one** function of rods and **one** function of cones.
8. What is the function of the cornea?
9. What type of lens is used to correct long sight?
10. Where in the eye is the retina located?
11. Two types of cells that receive light are found in the retina. Name each of these.
12. The optic nerve is attached to the eye. What is the function of the optic nerve?
13. Suspensory ligaments, Cones, Optic nerve and Brain. Outline the roles in vision of the above structures.
14. Explain how the iris works.
15. Suggest a reason why two eyes are better than one.
16. What is the function of the Eustachian tube?
17. What is connected to the middle ear by the Eustachian tube?
18. What is the function of the cochlea?
19. The semi-circular canals in the ear are involved in balance T or F
20. What nerve carries messages from the retina to the brain?
21. Name the coloured part of the eye
22. What is the function of the pupil in the eye/
23. In which part of the eye would you find the rods and cones?
24. What is the function of the cones?
25. In the human ear, give the function of each of these parts:
 - (i) Eardrum, (ii) Cochlea, (iii) Auditory nerve (iv) Semi-circular canals, (v) Eustachian tube.
26. In which part of the ear are nerve impulses generated?
27. In what part of the eye are nerve impulses generated?
28. Suggest one way by which the ear may be protected.
29. Explain how a corrective measure for a named defect of hearing or vision works.