

ORGAN OF VISION

P. Dharani

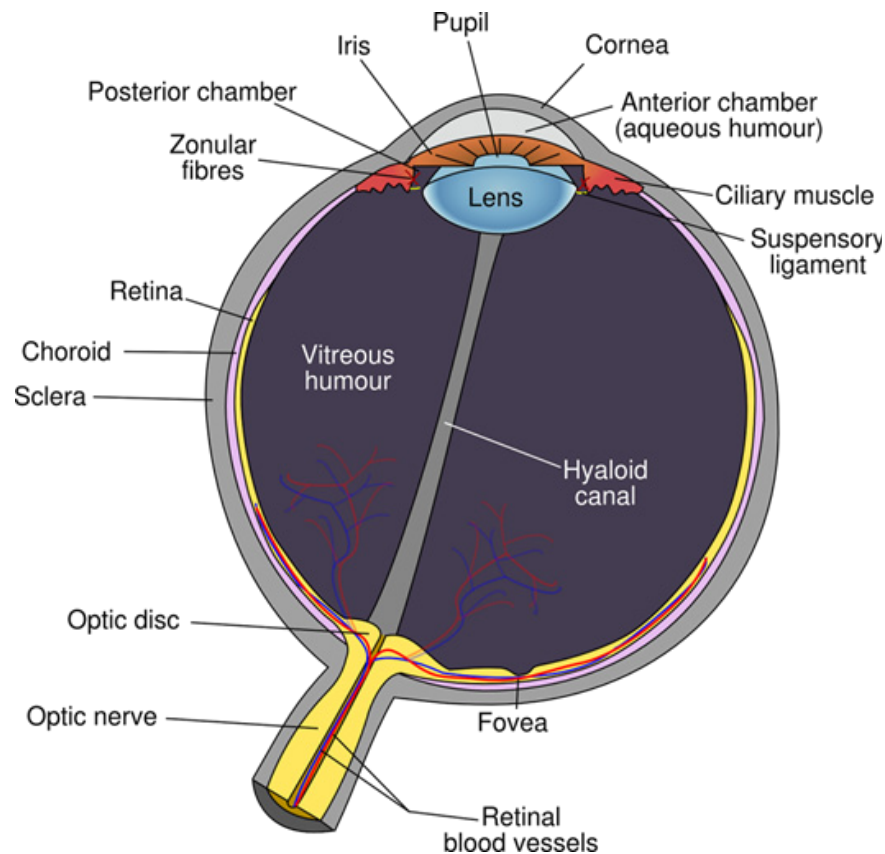


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- Which of the following structures of the eyeball is transparent and avascular?
 - Sclera
 - Cornea
 - Iris
 - Choroid
- Which of the following retinal cells is responsible for colour vision?
 - Rod cell
 - Amacrine cell
 - Cone cell
 - Muller cell
- The central circular aperture of the iris of the eye is referred as _____.
 - Ciliary process
 - Uvea
 - Lens
 - Pupil
- Which of the following chambers is bounded between the posterior surface of the iris and the anterior surface of the lens?
 - Vitreous chamber
 - Antero-posterior chamber
 - Posterior chamber
 - Anterior chamber
- _____ is the visual pigment seen in cone photoreceptors.
 - Iodopsin
 - Melanin
 - Ferritin
 - Rhodopsin
- Identify the serous gland located above the eyeball involved in the secretion of tears?

a. Tarsal gland	b. Meibomian gland
c. Lacrimal gland	d. Gland of Moll

7. Which of the following is transparent, avascular and biconvex structure suspended between the edges of a ciliary body?
 - a. Iris
 - b. Lens
 - c. Limbus
 - d. Ciliary process
8. Which of the following structures secrete the aqueous humour?
 - a. Ciliary processes
 - b. Retina
 - c. Iris
 - d. Choroid
9. In which of the following layers light stimuli is converted into nerve impulses?
 - a. Retina
 - b. Lens
 - c. Cornea
 - d. Aqueous humour
10. Which of the following structures empties the tears into the nasal cavity?
 - a. Fornix
 - b. Limbus
 - c. Nasolacrimal duct
 - d. Sylvius aqueduct
11. Identify the sebaceous glands embedded in the tarsal plates of the eyelids
 - a. Meibomian glands
 - b. Glands of Zeis
 - c. Glands of Moll
 - d. Glands of Wolfring
12. Which of the following structures is a highly vascularized, pigmented layer of the vascular tunic?
 - a. Ciliary body
 - b. Choroid
 - c. Iris
 - d. Ciliary process
13. In which of the following sites the optic nerve joins the retina?
 - a. Optic disc
 - b. Optic chiasma
 - c. Optic centralis
 - d. Optic retina
14. Which of the following zones is yellow-pigmented and surrounds the fovea?
 - a. Macula lutea
 - b. Optic papilla
 - c. Fovea centralis
 - d. Optic disc
15. Which condition is referred as inflammation of the eyelid?
 - a. Conjunctivitis
 - b. Blepharitis
 - c. Uveitis
 - d. Keratitis
16. How many extraocular muscles are there in the human eye?
 - a. 6
 - b. 8
 - c. 5
 - d. 4
17. Which of the following structures is located between the iris and choroid?
 - a. Ciliary body
 - b. Ciliary process
 - c. Zonule fibres
 - d. Lens
18. Which of the following visual pigments is seen in a rod cell?
 - a. Melanin
 - b. Carotenoid
 - c. Rhodopsin
 - d. Iodopsin
19. Which of the following enzymes is antibacterial in the lacrimal fluid?
 - a. Amylase
 - b. Lysozyme
 - c. Lipase
 - d. Mucin
20. Night blindness is due to the deficiency of _____
 - a. Vitamin A
 - b. Pantothenic acid
 - c. Vitamin C
 - d. Biotin

Answers:

1.b	2.c	3.d	4.c	5.a	6.c	7.b	8.a
9.a	10.c	11.a	12.b	13.a	14.a	15.b	16.a
17.a	18.c	19.b	20.a				

Contributed by Dr P. Dharani, Assistant Professor, Department of Veterinary Anatomy, Veterinary College and Research Institute, Namakkal-637002.
Email: dharanip92@gmail.com