

PNS-Histology

Archive

Lecture 1

The eye (Part I)

Corrected by:

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PNS-Histology

Lecture 1

1. Cornea transplantation is successful due to:

- A) non keratinised epithelium
- B) free nerve endings
- C) no blood vessel.
- D) parallel fibres

Answer : C

2. The layer where the LASIK technique is done :

- A. Connective tissue stroma

Answer: A.

3. All of the following are true about limbus except :

- A. white color

Answer: A.

4. The Ciliary body provides attachment for :

- a- The lens
- b- The corneoscleral junction
- c- The iris
- d- The limbus
- e- The cornea

Answer: A.

5. The white of the eye is -----? :

- a- The cornea
- b- The choroid
- c- The iris
- d- The anterior part of the sclera
- e- The ciliary body

Answer: D.

6.The innermost layer of human eye is ?

- a-Sclera
- b-Cornea
- c-Choroid
- d-Retina
- e-Iris

Answer : D

7. Which of the following statements is a characteristic of the cornea?

- a-It represents the anterior portion of tunica vascularis
- b-Its connective tissue stromal layer is the target for LASIK surgeries
- c-It is composed of three layers
- d-It is devoid of nerve endings
- e-forms the anterior boundary of the posterior chamber of the eye

Answer: B.

8. The process of adjusting vision from a near to a distant object is called

- a - Adaptation
- b- Accommodation
- c- Amblyopia
- d- Cataracts
- e- Glaucoma

Answer:B.

9. The suspensory ligaments attach to the:

- a-Lens
- b-Sclera
- c-Canal of Schlemm
- d-Iris
- e-Optic disc

Answer :A

10. is considered of the few types of neurons that can be renewed during adult life :
Select one:

- a. Photoreceptor cells
- b. Olfactory receptor cells
- c. Rods and cones
- d. Basal cells
- e. Bipolar cells

Answer: D.

11.All of the following regarding the limbus of the eye is true
EXCEPT?

- a. The corneal epithelium continues as bulbar conjunctiva
- b. Contains multipotent cells important for differentiation of corneal epithelium
- c. Bowman's membrane become continuous with the trabecular meshwork
- d. Is the border between regular corneal stroma and irregular scleral stroma
- e. Aqueous humor from anterior collect into canal of Schlemm

Answer:C.

12. Which one of the following statements is CORRECT?

- a- At the limbus Bowman's membrane becomes continuous with the trabecular meshwork
- b- The lens fibers composed of special protein called Fibrillin
- c- The pigmented epithelium is important for the immune privilege of the retina
- d- The lens capsule is located at the anterior portion of the lens between the lens epithelium and lens fibers
- e- Color blindness primarily results from a defect in the ganglion cells layer

Answer :C

13. The iris

?

- a. Have parasympathetically stimulated radially arranged muscles
- b. Receive postganglionic parasympathetic fibers through the short ciliary nerves
- c. Receive postganglionic parasympathetic fibers through the long ciliary nerves
- d. Have sympathetically stimulated circularly arranged muscles
- e. Lies on the posterior surface of the lens

Answer: b
slide : 34

14. why there are No complications in cornea transplant :

- a. avascular

Answer:A.

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Lecture 2

The eye (Part II)

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Lecture 2

1.The Outer plexiform layer contain synapses between:

- A) rod, cons,bipolar & horizontal cel ls
- B) rods ,cons,bipolar & e mul ler cel ls
- C)ganglionand bipolar

Answer: A.

2.Which of the folowing is the Non visual part of the retina:

- .A) pigmented layer
- B)suportinglayer
- C) pigmented & sup porting layer

Answer: C.

3: structure in eye doesn't contain connective tissue as essential component:A.

- a.chornea
- B. iris
- C. choroid
- D. lens
- E. sclera

Answer: D..

4. One is true:

- A.Choroid is the pigmented and vascular part of uvea

Answer: A.

5. Which of the following is wrong about the lens?

- a. the epithelium covers all of it

Answer: A.

6. Color blindness is due to defect in --?

- a- Rods
- b- Cones
- c- Rods and Cones
- d- Rhodopsin
- e- Aqueous humor

Answer :B

7. Aqueous and vitreous humors are divided by ---?

- a- Lens
- b- Iris
- c- Retina
- d- Optic nerve
- e- Cornea

Answer: A.

8. Which one of the following statements is CORRECT :

- a- Otoliths are normally located in the ampulla of semicircular canals
- b- Meibomian gland is known to secrete tears
- c- Muller's cells share in the formation of the limiting membranes
- d- Bruch's membrane lies between the pigmented and the non-pigmented epithelial layers
- e- The lens epithelium completely surround the lens

Answer: B .

5. The blind spot?

- a-The macula lutea
- b-The fovea centralis
- c-The optic disc
- d-Sensitive to light
- e-The yellow spot

Answer :B

8. The point of sharpest retinal vision is called the:

- a-Fovea centralis
- b-Macula lutea
- c-Vitreous body
- d-Optic disk
- e-Choroid

Answer: A.

11. The region in the retina which lacks photoreceptor cells is called -----?

- a- Black spot
- b- Blind spot
- c- Fovea
- d- Choroid
- e- Macula

Answer:B .

12.Which one of the following statements is CORRECT?

- a- Meibomian gland is known to secrete tears
- b- Muller's cells share in the formation of the limiting membranes
- c- Bruch's membrane lies between the pigmented and the non-pigmented epithelial layers
- d- The lens epithelium completely surrounds the lens

Answer:B