

20. Which artery supplies the ventral (anterior) portion of the spinal cord?

- A) Anterior spinal artery
- B) Posterior spinal artery
- C) Radicular arteries
- D) Segmental arteries

Answer: A) Anterior spinal artery

Lec 15

Quiz on The Orbit

1. Which of the following bones is NOT part of the bony orbit?

- A) Frontal
- B) Maxilla
- C) Temporal
- D) Sphenoid

Answer: C) Temporal

2. The lateral wall of the orbit is formed by which two bones?

- A) Frontal and Ethmoid
- B) Zygomatic and Greater Wing of Sphenoid
- C) Maxilla and Lacrimal
- D) Palatine and Frontal

Answer: B) Zygomatic and Greater Wing of Sphenoid

3. Which structure passes through the optic canal?

- A) Oculomotor nerve
- B) Trochlear nerve
- C) Optic nerve
- D) Ophthalmic nerve

Answer: C) Optic nerve

4. The medial wall of the orbit is composed of all the following EXCEPT:

- A) Maxilla
- B) Lacrimal
- C) Ethmoid
- D) Zygomatic

Answer: D) Zygomatic

5. The superior orbital fissure transmits which of the following nerves?

- A) Optic nerve
- B) Trochlear nerve
- C) Mandibular nerve
- D) Hypoglossal nerve

Answer: B) Trochlear nerve

6. Which muscle is responsible for elevating the upper eyelid?

- A) Levator palpebrae superioris
- B) Superior rectus
- C) Inferior oblique
- D) Medial rectus

Answer: A) Levator palpebrae superioris

7. Which cranial nerve innervates the lateral rectus muscle?

- A) Oculomotor nerve
- B) Trochlear nerve
- C) Abducent nerve
- D) Optic nerve

Answer: C) Abducent nerve

8. The trochlear nerve supplies which of the following muscles?

- A) Superior rectus
- B) Inferior oblique
- C) Superior oblique
- D) Medial rectus

Answer: C) Superior oblique

9. Which of the following arteries is a direct branch of the internal carotid artery?

- A) Supraorbital artery
- B) Ophthalmic artery
- C) Maxillary artery
- D) Infraorbital artery

Answer: B) Ophthalmic artery

10. The ciliary ganglion is associated with which cranial nerve?

- A) Optic nerve
- B) Oculomotor nerve
- C) Trochlear nerve
- D) Abducent nerve

Answer: B) Oculomotor nerve

11. Which of the following is NOT a content of the orbit?

- A) Eyeball
- B) Extraocular muscles
- C) Ciliary ganglion
- D) Submandibular gland

Answer: D) Submandibular gland

12. The lacrimal gland is located in which part of the orbit?

- A) Inferior
- B) Medial
- C) Lateral
- D) Superior

Answer: D) Superior

13. The function of the inferior oblique muscle is to:

- A) Depress and abduct the eye
- B) Elevate and abduct the eye
- C) Elevate and adduct the eye
- D) Depress and adduct the eye

Answer: B) Elevate and abduct the eye

14. The main function of the iris is to:

A) Protect the retina

B) Control the amount of light entering the eye

C) Refract light

D) Focus the image on the retina

Answer: B) Control the amount of light entering the eye

15. The optic disc is also known as:

A) Macula

B) Fovea

C) Blind spot

D) Retina

Answer: C) Blind spot

16. Which extraocular muscle is responsible for intorsion of the eye?

- A) Inferior oblique
- B) Superior oblique
- C) Medial rectus
- D) Lateral rectus

Answer: B) Superior oblique

17. Which of the following is the primary arterial supply to the retina?

- A) Central retinal artery
- B) Supraorbital artery
- C) Lacrimal artery
- D) Infraorbital artery

Answer: A) Central retinal artery

18. The pathway of tears involves all the following EXCEPT:

- A) Lacrimal puncta
- B) Nasolacrimal duct
- C) Lacrimal canaliculi
- D) Ciliary ganglion

Answer: D) Ciliary ganglion

19. A lesion of the oculomotor nerve will result in which of the following?

- A) Medial squint
- B) Lateral squint and ptosis
- C) Exophthalmos
- D) Loss of corneal reflex

Answer: B) Lateral squint and ptosis

20. The retina contains which of the following photoreceptors?

- A) Only rods
- B) Only cones
- C) Rods and cones
- D) Bipolar cells only

Answer: C) Rods and cones

Lec 16

Quiz on Cranial Nerves (1,2,3,4,6)

1. How many cranial nerves are there in total?

- a) 10
- b) 12
- c) 14
- d) 16

Answer: b) 12