



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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GRADE
100%

STRUCTURAL NEUROANATOMY OF THE HUMAN BRAIN

LATEST SUBMISSION GRADE

100%

1. What is neuroimaging?

1 / 1 point

- ☒ A collection of methods to visualize the structural, functional and chemical properties of the central nervous system
- ☐ A method to visualize the neural correlates of behavior
- ☐ Multidisciplinary study of the biological basis of behavior
- ☐ method to visualize the shape, structure, and circuitry of the nervous system

✓ **Correct**

2. What is the fundamental processing unit of the brain?

1 / 1 point

- ☐ Pyramidal cells
- ☐ Purkinje cells
- ☐ Glia
- ☒ Neuron

✓ **Correct**

3. Which is not a role of glial cells in the central nervous system?

1 / 1 point

- ☐ Forms connective tissue
- ☐ Serves metabolic support roles
- ☒ Transmit electrical signal to target cells
- ☐ Produces myelin which insulates axons

✓ **Correct**

4. What are Dissociable Brain Networks?

1 / 1 point

- ☐ Groups of structures that form networks based on similarity of functions
- ☐ Networks in the brain organized by cellular composition
- ☐ Structures in the brain that have been carefully defined based on cell type and anatomical boundaries and named
- ☒ Groups of structures that form brain networks based on connections between them

✓ **Correct**

5. The part of the neuron that first receives information from other neurons is the

1 / 1 point

- ☐ Axon terminal
- ☒ Dendrite
- ☐ Nucleus
- ☐ Axon

✓ **Correct**

6. Which of the following statements about cross species brain organization is true?

1 / 1 point

- ☐ There is a great overlap in brain organization across species
- ☐ There is a great variability in brain shape

- ☒ All are true
- ☐ There is a great variability in brain size

✓ Correct

7. In what order does the brain develop from the embryonic neural tube?

1 / 1 point

- ☐ Endbrain, midbrain, hindbrain, spinal cord
- ☐ Spinal cord, endbrain, midbrain, hindbrain
- ☐ Midbrain, endbrain, spinal cord, hindbrain
- ☒ Spinal cord, hindbrain, midbrain, endbrain

✓ Correct

8. Which artery supplies the brain with blood?

1 / 1 point

- ☐ Vertebral artery
- ☐ Pontine artery
- ☐ Anterior cerebral artery
- ☒ Carotid artery

✓ Correct

9. Which artery is not part of the Circle of Willis?

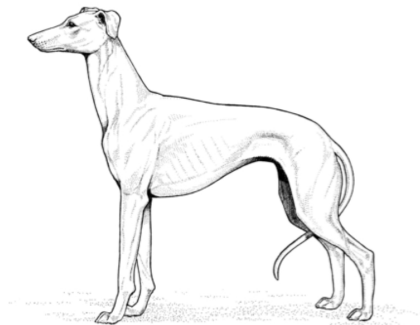
1 / 1 point

- ☐ Middle cerebral artery
- ☒ Brachial artery
- ☐ Vertebral artery
- ☐ Superior cerebellar artery

✓ Correct

10.

1 / 1 point



The tail of the dog would be considered

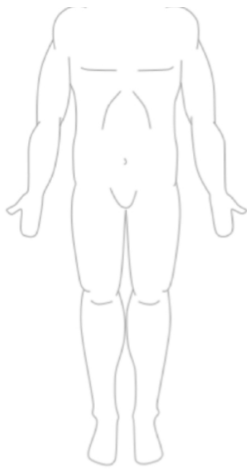
- ☐ Dorsal
- ☐ Rostral
- ☐ Ventral
- ☒ Caudal

✓ Correct

11.

1 / 1 point





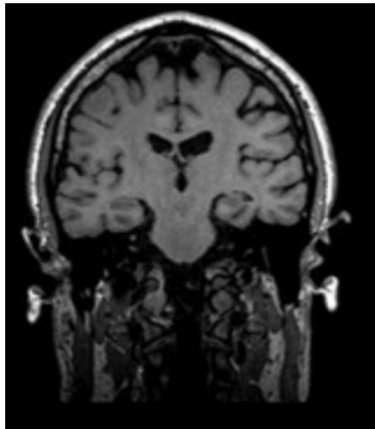
Away from the center of the man is considered

- ☒ Lateral
- ☐ Superior
- ☐ Medial
- ☐ Inferior

✓ Correct

12.

1 / 1 point



The orientation of this MRI image is

- ☐ Axial
- ☐ Posterior
- ☒ Coronal
- ☐ Sagittal

✓ Correct