

## Animal Brain Quiz Answer Key PDF

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**What is the term used to describe the brain size relative to body size?**

- A. NEUROPLASTICITY
- A. ENCEPHALIZATION QUOTIENT (EQ) ✓**
- C. SYNAPTIC DENSITY
- D. NEURAL PATHWAY

**Which part of the brain is primarily responsible for balance and coordination?**

- A. CEREBRUM
- A. CEREBELUM ✓**
- C. BRAINS STEM
- D. HIPPOCAMPUS

**Which of the following senses are processed by the brain? (Select all that apply)**

- A. SIGHT ✓**
- A. SMELL ✓**
- C. Taste ✓**
- D. GRAVITY

**Which animals have demonstrated the ability to recognize themselves in mirrors? (Select all that apply)**

- A. HUMANS ✓**
- A. ELEPHANTS ✓**
- C. DOLPHINS ✓**
- D. DOGS

**What are some functions of the brainstem? (Select all that apply)**

- A. REGULATING HEARTBEAT ✓**
- A. PROCESSING EMOTIONS
- C. CONTROLLING BREATHING ✓**
- D. COORDINATING VOLUNTARY MOVEMENTS

**Which sense is particularly enhanced in dogs due to their brain structure?**

- A. VISION
- A. HEARING
- C. SMELL ✓**
- D. Taste

**Which animal is known for using echolocation to navigate and hunt?**

- A. ELEPHANT
- A. BAT ✓**
- C. DOLPHIN
- D. OWL

**Which part of the brain is associated with higher cognitive functions like reasoning and planning?**

- A. CEREBELUM
- A. BRAINS STEM
- C. CEREBRUM ✓**
- D. MEDULLA

**Which of the following animals are known for their high intelligence? (Select all that apply)**

- A. CROWS ✓**
- A. DOLPHINS ✓**
- C. ELEPHANTS ✓**
- D. SNAKES

**Which animal is known for its remarkable memory and problem-solving skills?**

- A. DOG
- A. OCTOPUS ✓**
- C. CAT
- D. RABBIT

**What is the primary function of neurons in the brain?**

- A. SUPPORT BLOOD FLOW
- A. TRANSMIT INFORMATION ✓**
- C. STORE FAT
- D. PRODUCE HORMONES

**Which animal is often cited as having the largest brain relative to its body size?**

- A. HUMAN ✓**
- A. ELEPHANT
- C. DOLPHIN
- D. CROW

**What are some evolutionary advantages of having a larger brain? (Select all that apply)**

- A. ENHANCED MEMORY ✓**
- A. FASTER RUNNING SPEED
- C. IMPROVED PROBLEM-SOLVING SKILLS ✓**
- D. BETTER DIGESTION

**Which animals have been observed using tools in the wild? (Select all that apply)**

- A. CHIMPANZEES ✓**
- A. DOLPHINS ✓**
- C. CATS
- D. OCTOPUSES ✓**