

NEUROSCIENCE QUIZ

Test your knowledge and see how much you improve after reading...

- 1** What part of the brain has most responsibility for processing emotions like fear and anxiety?
a) Hippocampus b) Amygdala
c) Cerebellum d) Occipital lobe
- 2** What is the main function of the hippocampus?
a) Movement b) Memory
c) Language d) Vision
- 3** Do we eat more when in social settings or alone?
a) Social b) Alone
- 4** Do polygraphs work as lie detectors?
a) No b) No
- 5** What brain structure did Roger Sperry cut in his famous split brain experiments?
a) Corpus callosum b) Hypothalamus
c) Thalamus d) Medulla oblongata
- 6** What is psilocybin showing promise for?
a) Cardiac arrest b) Stroke
c) Treatment-resistant depression d) Phobias
- 7** Which brain lobe is most involved in decision-making and problem-solving?
a) Frontal b) Parietal
c) Temporal d) Occipital
- 8** Living without an amygdala causes what?
a) Complete absence of fear
b) A drop in spatial awareness
c) Difficulty remembering birthdays
d) Fearlessness but panic under special circumstances
- 9** Pupil size is associated with what?
a) Problem solving b) Balance and coordination
c) Playing musical instruments d) Listening to music
- 10** What does Cute Agression refer to?
a) Being angry at kittens
b) Feeling upset when babies are born
c) Feeling opposing emotions during intense cuteness
d) Dislike towards attractive people
- 11** What is the name of the insulating layer that covers neurons and helps speed up electrical signals?
a) Axon b) Synapse
c) Myelin sheath d) Dendrite
- 12** Which hormone influence our lying?
a) Insulin b) Oxytocin
c) Cortisol d) Prolactin
- 13** True or False: The left hemisphere of the brain is responsible for creativity and the right hemisphere for logic.
a) True b) False
- 14** Which hormone, often called the “love hormone,” is involved in bonding and social connection?
a) Oxytocin b) Cortisol
c) Glucagon d) Testosterone
- 15** True or False: Methamphetamine can improve memory.
a) True b) False
- 16** The inability to use visual imagination is called what?
a) Insulin b) Oxytocin
c) Cortisol d) Aphantasia
- 17** What factors may effect the age of our earliest memory?
a) Being the first born b) Being male or female
c) Growing up in rural vs urban areas d) All of the above
- 18** What is the main role of the cerebellum?
a) Speech and language processing
b) Coordination and balance
c) Emotional regulation
d) Memory storage
- 19** How do brains differ between introverts and extroverts?
a) Grey matter volume b) Cranial nerves
c) Occipital lobe mass d) Left hemisphere

FIND ANSWERS IN...

BEFORE READING

A BILLION THINGS TO ASK A
NEUROSCIENTIST

AFTER READING



Neuroscience made simple

