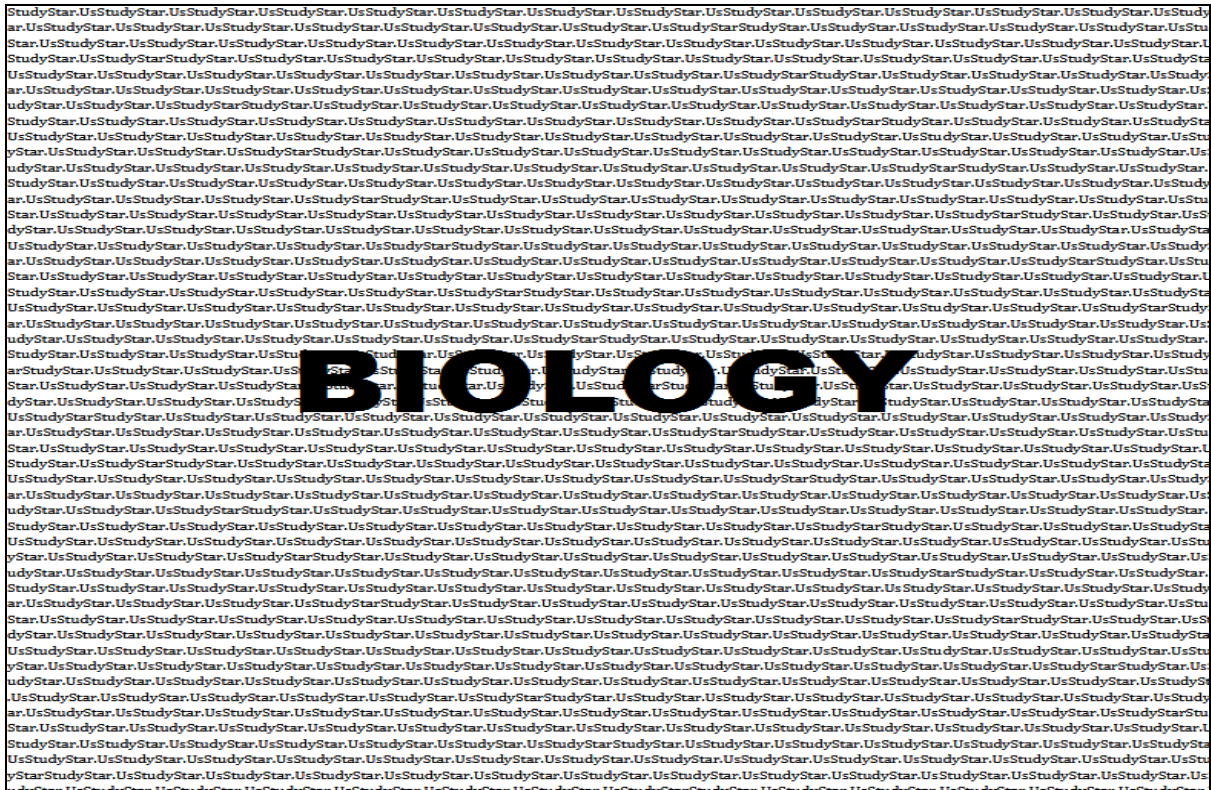




THE NERVOUS SYSTEM

Total Marks: 25

Duration: 0 hours, 20 minutes

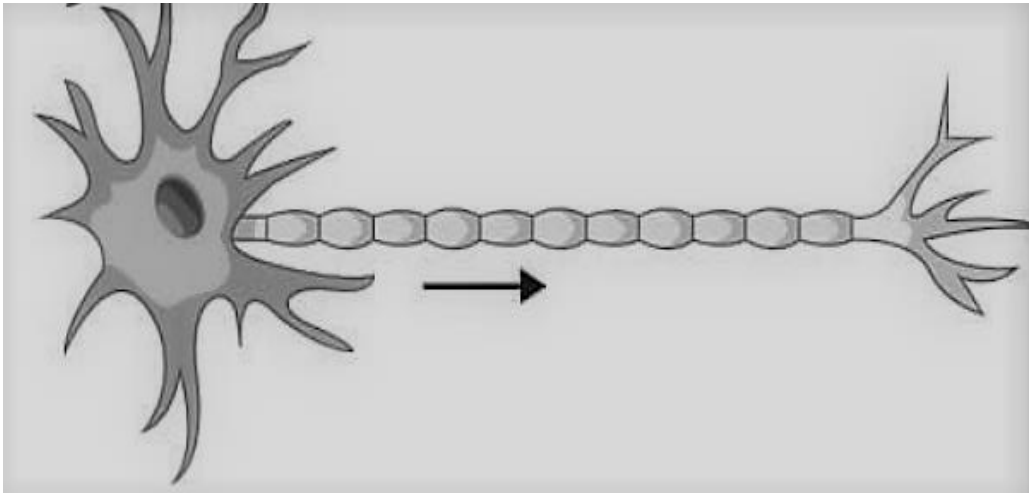
Instructions to test takers

1. Answer all the questions in this paper
2. All the answers for the questions in this paper will be found on **Study Star** (www.studystar.me)
3. Using the answers on the website, mark yourself truthfully and carefully.

Turn this page, time yourself and begin the test

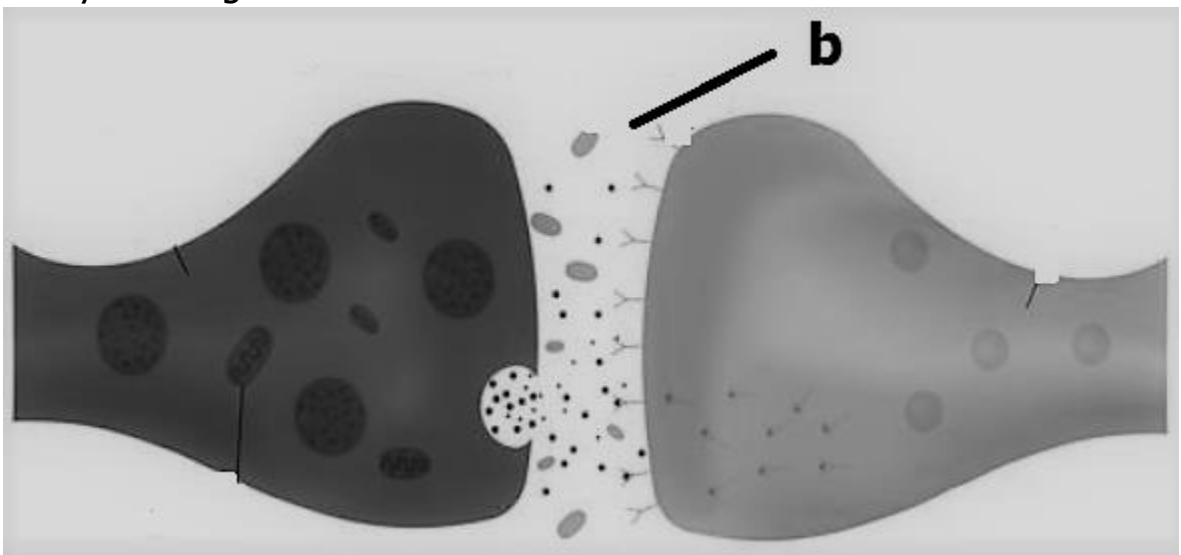
Section A

1. Study the diagram below.



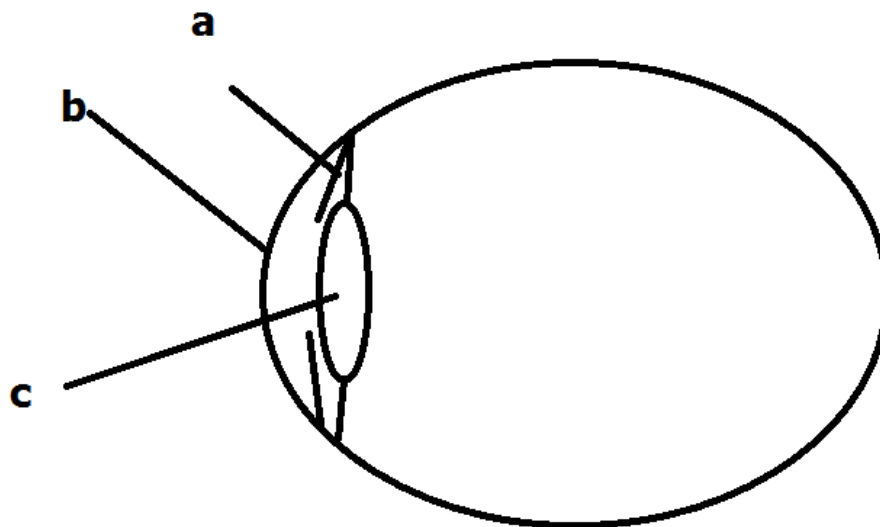
What type of neurone is shown above?

- a. Sensory
 - b. Relay
 - c. Motor
2. What is the function of a relay neurone?
 - a. To transmit impulses from the receptors to the central nervous system
 - b. To link motor and the relay neurones
 - c. To link the motor and sensory neurones
 3. Study the diagram below.



What substance is released at b?

- a. Electrical impulse
 - b. Neurotransmitter
 - c. Hormones
4. What part of the brain controls hunger?
- a. Pituitary gland
 - b. Hypothalamus
 - c. Oblongata
5. What do you understand by the term conditional reflex action? A reflex action _____
- a. That comes from practice
 - b. That is natural
 - c. That involves Pavlov
6. Study the diagram below.

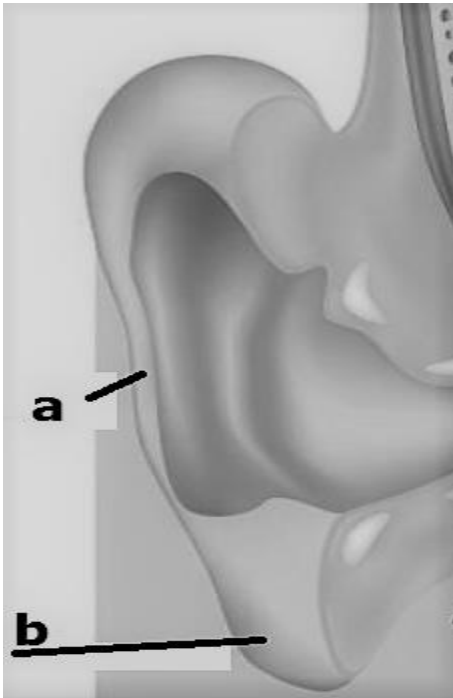


Which part controls the size of the pupil?

- a. A
 - b. B
 - c. C
7. Short sightedness can be controlled by the use of _____
- a. Convex lens
 - b. Concave lens

c. Lenses

8. Study the diagram below.



What name is given to part b?

- a. Ear lobe
- b. Eustachian tube
- c. Audible canal

9. Which part of the ear carries sound waves from the pinna to the tympanum?

- a. Ossicles
- b. Oval window
- c. Eustachian tube

10. Which of the following is a way of properly taking care of the ear?

- a. No opening bottle tops with teeth
- b. Not exposing yourself to loud sounds
- c. Not cleaning ears

Section B

11. A change in internal or external environment of an organism is called _____
12. The effect of the electric impulse from the central nervous system to the effector is called _____
13. Which neurone transmits electrical impulses from the central nervous system to the effector?
14. The gap between two neurones is called _____
15. The automatic and rapid control of the size of the pupil by the iris depending on the light intensity is called _____

Section C

16. State three events that occur when observing an object in dim light.
17. State three events that occur when a person is observing a nearby object.
18. State any function of the pituitary gland.
19. State two functions of the cerebrum.
20. State any characteristic of an image formed on the eye.



A top student's secret tool