

43. Which is not a function of astrocyte

- A. support and embrace neurons
- B. provide the defense for the CNS
- C. anchor blood vessels
- D. control the chemical environment around neurons

44. The most abundant chemical substance in the body accounting for 60 to 80% of body weight is

- A. protein
- B. water
- C. oxygen
- D. hydrogen

45. Which of the following is not characteristic of neurons

- A. they have extreme longevity
- B. they are mitotic
- C. they conduct action potentials
- D. they have an exceptionally high metabolic rate

46. Muscle tissue has all the properties except

- A. secretion
- B. excitability
- C. contractility
- D. extensibility

47. What moves cell organelles from one location to another within the cell

- A. motor proteins
- B. microfilaments
- C. microtubules
- D. intermediate filaments

48. The function of myoglobin is to:

- A. bind oxygen for aerobic respiration
- B. bind actin to shorten myofibrils
- C. block the myosin binding sites on thin filaments
- D. store ATP

49. After acetylcholine attaches to its receptors at the neuromuscular junction, the **next** step is:

- A. potassium-gated channels open
- B. the T-tubules depolarize
- C. cross bridges attach
- D. ATP is hydrolyzed