

Question 1

Describe the structures and functions of the enteric nervous system.

Answer: <https://biology-forums.com/index.php?topic=297128>

Question 2

Which of the below terms describes an effector innervated by both the Parasympathetic and Sympathetic divisions?

- A) Preganglionic stimulation
- B) Biganglion excitation
- C) Multi-autonomic output
- D) Reciprocal innervation
- E) Dual innervation

Answer: <https://biology-forums.com/index.php?topic=296648>

Question 3

Where is the right sympathetic trunk ganglion?

- A) E
- B) B
- C) G
- D) M
- E) N

Answer: <https://biology-forums.com/index.php?topic=296665>

Question 4

Synovial membranes are found lining the cavities of synovial joints, and are made of areolar connective tissue and simple squamous epithelium.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=297542>

Question 5

Normally how long does the G2 phase last?

- A) 8 hours
- B) 4-6 hours
- C) 2 hours
- D) 24 hours
- E) 1 day

Answer: <https://biology-forums.com/index.php?topic=297278>

Question 6

Which of the following is NOT involved in cerebellar function?

- A) monitor intentions for movement
- B) . monitor actual movement
- C) compare the command signals with sensory information
- D) monitor sleep
- E) receive impulses from the motor areas of the basal nuclei

Answer: <https://biology-forums.com/index.php?topic=297429>

Question 7

Which of the following is (are) involved in regulating the autonomic nervous system?

- A) Hypothalamus
- B) Brainstem
- C) Special Senses
- D) Hypothalamus and brainstem
- E) All of the choices are correct

Answer: <https://biology-forums.com/index.php?topic=296639>

Question 8

In the sliding filament mechanism, the thin filament is being pulled towards the

- A) Z disc

- B) H zone
- C) M line
- D) A band
- E) I band

Answer: <https://biology-forums.com/index.php?topic=297637>

Question 9

The membrane covering the lungs is the

- A) peritoneum.
- B) pleura.
- C) pericardium.
- D) mesothelium.
- E) endothelium.

Answer: <https://biology-forums.com/index.php?topic=297006>

Question 10

Describe the process by which bone increases in length and diameter.

Answer: <https://biology-forums.com/index.php?topic=296883>

Question 11

The membranes that line the cavities of some joints are

- A) synovial membranes.
- B) visceral membranes.
- C) mucous membranes.
- D) serous membranes.
- E) cutaneous membranes.

Answer: <https://biology-forums.com/index.php?topic=297007>

Question 12

Describe the possible ways in which sympathetic preganglionic neurons may connect with postganglionic neurons.

Answer: <https://biology-forums.com/index.php?topic=296667>

Question 13

In this type of passive transport process a solute, such as glucose, binds to a specific transporter protein on one side of the membrane and is released on the other side after the transporter protein undergoes a change in shape.

- A) Osmosis
- B) Facilitated diffusion
- C) Active transport
- D) Secondary active transport
- E) Endocytosis

Answer: <https://biology-forums.com/index.php?topic=297252>

Question 14

Which of the following is best described as a short bone?

- A) parietal bone
- B) femur
- C) humerus
- D) talus (a tarsal bone)
- E) sternum

Answer: <https://biology-forums.com/index.php?topic=296863>

Question 15

Emily was very ill with an upper respiratory infection. Her roommate gave her some chicken soup to make her feel better. Neither Emily nor her roommate realized that the soup was too hot to eat until after Emily put a spoonful in her mouth. Now Emily says she can't taste anything. Why? When will she be able to taste again?

Answer: <https://biology-forums.com/index.php?topic=297463>

Question 16

Connective tissue fibers that return to their original shape after being stretched are

- A) collagen fibers.
- B) reticular fibers.
- C) elastic fibers.
- D) glucoprotein fibers.
- E) chondroitin fibers.

Answer: <https://biology-forums.com/index.php?topic=296996>

Question 17

This component of a feedback system receives output from the control center.

- A) Effector
- B) Stimulus
- C) Receptor
- D) Central Nervous System
- E) Afferent

Answer: <https://biology-forums.com/index.php?topic=296891>

Question 18

Which of the following statements is most correct regarding the sodium-potassium pump?

- A) The ATP driven pump operates as a symport system.
- B) The pump transports 3 potassium ions into the cell for every 2 sodium ions it transports out of the cell.
- C) Phosphorylation of the ATPase transport protein causes a conformational change resulting in the expulsion of sodium into the extracellular fluid.
- D) When potassium binds to the ATPase transport protein, the protein is phosphorylated.
- E) It is a secondary transport pump.

Answer: <https://biology-forums.com/index.php?topic=297223>

Question 19

Neuroglia protects and supports neurons.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=297040>

Question 20

Cartilage is highly vascular.

- A) True
- B) False

Answer: <https://biology-forums.com/index.php?topic=297038>