

Question 1

Which of the following does not consist primarily of slowly adapting sensory receptors?

- a) body position
- b) touch
- c) pressure
- d) smell

Answer: <https://biology-forums.com/index.php?topic=1900920>

Question 2

Which structure in the figure is the theca externa?

- A
- H
- E
- D
- F

Answer: <https://biology-forums.com/index.php?topic=1904298>

Question 3

Cells are genetically programmed to die, responding to cell signals that can come from outside or inside the cell. This process is called necrosis and is a normal way to regulate cell numbers during fetal development and within tissues and organs after birth

[b]True or False?[/b]

Answer: <https://biology-forums.com/index.php?topic=1900451>

Question 4

Where is the left vagus (X) nerve in the diagram?

- A
- C
- D
- F
- G

Answer: <https://biology-forums.com/index.php?topic=1903976>

Question 5

Nearly all the differences between the female and male pelvis are adaptations of the female pelvis to accommodate childbirth.

[b]True or False?[/b]

Answer: <https://biology-forums.com/index.php?topic=1900651>

Question 6

In the diagram of the wrist and hand, where is the capitate bone?

- D
- E
- F
- G
- H

Answer: <https://biology-forums.com/index.php?topic=1903191>

Question 7

Which of the following is true when describing the permissive effect of a hormone?

- a) a permissive hormone can cancel out the effect of another hormone
- b) this means that two hormones have a greater effect than just one
- c) the hormone can act alone when having an effect on a tissue
- d) is usually the result of a second hormones exposure on target cells

Answer: <https://biology-forums.com/index.php?topic=1900959>

Question 8

Postganglionic neurons from the otic ganglion supply the

- parotid gland.
- heart.
- lungs.
- liver.
- ureter.

Answer: <https://biology-forums.com/index.php?topic=1903907>

Question 9

For adequate absorption, all of the following require ingestion with other lipids EXCEPT

- a) vitamin A.
- b) vitamin C.
- c) vitamin D.
- d) vitamin E.
- e) vitamin K.

Answer: <https://biology-forums.com/index.php?topic=1901184>

Question 10

The pigment-producing cells of the epidermis are located in which layer?

- a) stratum corneum
- b) stratum lucidum
- c) stratum granulosum
- d) stratum spinosum
- e) stratum basale

Answer: <https://biology-forums.com/index.php?topic=1900501>

Question 11

_____ is a muscle that stabilizes the proximal end of a limb, while other muscles produce movement at the distal end of the same limb.

- a) prime mover (agonist)
- b) antagonist
- c) synergist
- d) fixator
- e) flexor

Answer: <https://biology-forums.com/index.php?topic=1900738>

Question 12

A person who is heterozygous for a recessive gene will

- a) show the recessive phenotype.
- b) possibly have a child who shows the recessive phenotype.
- c) have two identical alleles.
- d) show a mutation of one allele.
- e) act as a carrier of the recessive gene for male offspring.

Answer: <https://biology-forums.com/index.php?topic=1901266>

Question 13

A compartment is a group of muscles, associated fascia, nerves, and blood vessels, which perform a related function. The arm has both an anterior (flexor) compartment, and a posterior (extensor) compartment. Based upon innervations, the biceps brachii, brachialis and brachioradialis would all be members of the anterior compartment.

[b]True or False?[/b]

Answer: <https://biology-forums.com/index.php?topic=1900851>

Question 14

Which type of muscle tissue is under the voluntary control of our nervous system. We can consciously control the movement of this type of muscle tissue.

- a) skeletal
- b) cardiac
- c) smooth

Answer: <https://biology-forums.com/index.php?topic=1900481>

Question 15

The superior mesenteric ganglion receives nervous input from the

- lesser splanchnic nerve.
- least splanchnic nerve.
- greater thoracic splanchnic nerve.
- a and b only
- a, b, and c

Answer: <https://biology-forums.com/index.php?topic=1903905>

Question 16

Which of the following is not one of the negative feedback systems that respond to hypovolemic shock?

- a) increased secretion of epinephrine and norepinephrine
- b) release of local vasoconstrictors
- c) release of aldosterone from the adrenal gland
- d) release of antidiuretic hormone
- e) release of renin from the kidneys

Answer: <https://biology-forums.com/index.php?topic=1901065>

Question 17

Which of the joints shown in the figure represents a condyloid joint?

- A
- B
- C
- D
- E

Answer: <https://biology-forums.com/index.php?topic=1903213>

Question 18

Which of the following neurotransmitters are used in virtually all of the inhibitory synapses found in the spinal cord?

- a) gamma aminobutyric acid (GABA) and acetylcholine
- b) gamma aminobutyric acid (GABA) and glycine
- c) epinephrine and norepinephrine
- d) serotonin and melatonin
- e) glutamate and aspartate

Answer: <https://biology-forums.com/index.php?topic=1877785>

Question 19

The genes in a chromosome code for proteins.

[b]True or False?[/b]

Answer: <https://biology-forums.com/index.php?topic=1900447>

Question 20

Which of the labeled cells in the figure is NOT a neuroglial cell?

- A
- B
- C
- D
- F

Answer: <https://biology-forums.com/index.php?topic=1903461>