

MULTIPLE CHOICE QUESTIONS

B.5.6. Special Circulations

1. How many separate capillary beds are there present in a typical portal circulation?
 - a. 0
 - b. 1
 - c. 2
 - d. 3
 - e. 4

2. When a skeletal muscle exercises in a phasic manner, what will happen to the average distance between the muscle cells and the nearest capillary?
 - a. The distance will decrease
 - b. The distance will increase
 - c. The distance will stay the same
 - d. In peripheral fibers, the distance will increase
 - e. In peripheral fibers, the distance will decrease

3. Which type of skeletal muscle contraction will usually last longer?
 - a. Tonic contractions
 - b. Phasic contractions
 - c. Tonic and phasic contractions
 - d. Tonic and concentric contractions
 - e. Tonic and eccentric contractions

4. During a normal cardiac systole, which part of the cardiac muscle wall will be perfused the least?
 - a. The right atrial wall
 - b. The left atrial wall
 - c. The right ventricular wall
 - d. The left ventricular wall
 - e. The ventricular septum

5. The cutaneous circulation is very important because it is involved in the regulation of which parameter?
 - a. the amount of water in the body
 - b. the temperature inside the body
 - c. the pH (=acidity) in the body
 - d. the temperature outside the body
 - e. the protection from microbes from outside

Answers:

1. c.
2. a.
3. b.
4. d.
5. b.