

Praxis Science 5005

Section: 5005 Elementary Education Science Exams • Total Questions: 10 • Format: Verified Q&A

1. Which of the following organs in the human body eliminates wastes and helps maintain salt and water balance?

- (A) Liver
 - (B) Spleen
 - (C) Gallbladder
 - (D) Kidney
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2. Which of the following is the major immediate function of carbohydrate breakdown by cells?

- (A) Repairing tissues
 - (B) Releasing energy
 - (C) Forming enzymes
 - (D) Dissolving fats
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3. A full Moon will be observed from Earth when the Moon is located in which of the positions shown in the preceding figure? (Position 1: between Sun and Earth; Position 2: first quarter; Position 3: opposite Sun; Position 4: third quarter)

- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
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4. Which of the following best describes what happens when two magnets repel each other?

- (A) The objects are pulled toward one another.
 - (B) The objects are pushed away from one another.
 - (C) An electric spark jumps from one object to another.
 - (D) Nothing happens until the objects are touched.
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5. Which of the following types of rock is formed by the compaction and cementation of small fragments of preexisting rocks?

- (A) Volcanic
 - (B) Sedimentary
 - (C) Metamorphic
 - (D) Intrusive
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6. On the periodic table, elements in the same row are arranged from left to right by

- (A) an increasing number of neutrons in an atom's nucleus
 - (B) a decreasing number of neutrons in an atom's nucleus
 - (C) an increasing number of protons in an atom's nucleus
 - (D) a decreasing number of protons in an atom's nucleus
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7. Which of the following is the best response to a student who has doubts about accepting scientific conclusions about the natural world?

- (A) Scientists are experts in their field, and as such their conclusions should not be questioned.
 - (B) Scientific conclusions become accepted only after withstanding many years of debate and experimentation.
 - (C) Scientists are very intelligent, and as a result their conclusions are almost always correct.
 - (D) There is no uncertainty about scientific conclusions.
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8. Which THREE of the following processes depend directly on solar energy?

- (A) Seafloor spreading
 - (B) The water cycle
 - (C) Photosynthesis
 - (D) Atmospheric circulation
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9. Which of the following is a measure of the ease with which heat can pass through a material?

- (A) Malleability
 - (B) Conductivity
 - (C) Permeability
 - (D) Elasticity
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10. Which THREE of the following are female reproductive parts of a flower?

- (A) Stigma
 - (B) Ovary
 - (C) Style
 - (D) Petal
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