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**Vendor:**ASVAB

**Exam Code:**ASVAB-SECTION-7

**Exam Name:**ASVAB Section Seven: General Science

**Version:**Demo

**QUESTION 1**

Which of these best defines the term "biosphere"?

- A. the part of Earth where life occurs on land
- B. the part of Earth where life occurs on land and in the water
- C. the part of Earth where life occurs, which includes land, water, and air
- D. a collection of populations in a habitat

Correct Answer: C

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**QUESTION 2**

Which of these substances has the lowest pH?

- A. baking soda
- B. lemon juice
- C. water
- D. bleach

Correct Answer: B

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**QUESTION 3**

The average distance of the Sun from the Earth is about \_\_\_\_\_.

- A. 240,000 miles
- B. 10 million miles
- C. 93 million miles
- D. 240 million miles

Correct Answer: C

Explanation:

The average distance of the Sun from the Earth is about 93 million miles.

The Earth's moon is about 240,000 miles from the Earth.

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**QUESTION 4**

Force can be represented by a vector.

A vector represents \_\_\_\_\_.

- A. Speed
- B. Direction
- C. Magnitude and Direction
- D. Magnitude

Correct Answer: C

Explanation:

A force represented by a vector consists of magnitude and direction.

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**QUESTION 5**

Mitosis is a process of \_\_\_\_\_.

- A. creating energy
- B. sexual reproduction
- C. destroying mass
- D. asexual reproduction

Correct Answer: D

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**QUESTION 6**

A meter consists of \_\_\_\_\_.

- A. 10 centimeters
- B. 100 millimeters
- C. 100 centimeters
- D. 10 millimeters

Correct Answer: C

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**QUESTION 7**

A lunar eclipse occurs when \_\_\_\_\_.

- A. the earth moves into the moon's shadow
- B. the sun blocks the moon from view
- C. the earth moves into the sun's shadow
- D. the moon moves into the earth's shadow

Correct Answer: D

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**QUESTION 8**

During its circulation throughout the body, blood from the left ventricle then goes to which of these locations?

- A. left atrium
- B. right atrium
- C. aorta
- D. pulmonary artery

Correct Answer: C

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**QUESTION 9**

Gene expression in physical characteristics such as eye or hair color is referred to as \_\_\_\_\_.

- A. allele
- B. genotype
- C. phenotype
- D. homozygous allele

Correct Answer: C

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**QUESTION 10**

Frictional forces usually do NOT \_\_\_\_\_.

- A. oppose motion
- B. decrease kinetic energy
- C. increase potential energy
- D. produce wear

Correct Answer: C

Explanation:

The friction force will tend to oppose motion, slow the object down, and produce wear between contacting surfaces.

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#### **QUESTION 11**

What theory suggests the Universe will come to an end when its ever-increasing rate of expansion causes all matter to fly apart?

- A. The Big Rip
- B. The Big Bang
- C. The Big Crunch
- D. The Big Easy

Correct Answer: A

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#### **QUESTION 12**

Passing sunlight through a prism \_\_\_\_\_.

- A. separates the colors into a spectrum
- B. reflects the light rays
- C. creates incident rays
- D. determines the focal point of a ray

Correct Answer: A