Basic Science Fundamentals

Science · Practice Test · 12 Questions

1. Which organ in the human body is primarily responsible for pumping blood?

A) Lungs
B) Heart
C) Liver
D) Kidneys

2. What is the chemical symbol for water?

A) CO2
B) NaCl
C) H2O
D) O2

3. Which planet in our solar system is known as the Red Planet?

A) Venus
B) Mars
C) Jupiter
D) Saturn

4. What process do plants use to convert sunlight into energy?

A) Respiration
B) Photosynthesis
C) Transpiration
D) Fermentation

5. What is the hardest natural substance on Earth?

A) Gold
B) Iron
C) Diamond
D) Quartz

6. Which gas do humans primarily exhale as a waste product of respiration?

A) Oxygen
B) Nitrogen
C) Carbon dioxide
D) Hydrogen

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7. At what temperature does water boil at sea level in degrees Celsius?

A) 50°C
B) 90°C
C) 100°C
D) 120°C

8. How many bones are there in an adult human skeleton?

A) 156
B) 206
C) 306
D) 406

9. Which force keeps us grounded on Earth?

A) Magnetism
B) Friction
C) Gravity
D) Inertia

10. Which state of matter has a definite volume but no definite shape?

A) Solid
B) Liquid
C) Gas
D) Plasma

11. What is the center of an atom called?

A) Nucleus
B) Electron
C) Proton
D) Molecule

12. Which vitamin is primarily produced when human skin is exposed to sunlight?

A) Vitamin A
B) Vitamin B12
C) Vitamin C
D) Vitamin D

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