SMART PATHSALA

EMPOWERING MINDS. SHAPING FUTURES.

General Science

12 MCQs | FREE SAMPLE

Instructions: Select the best answer. The correct answer and a short explanation follow each question. These are practice questions for learning and revision, not guaranteed exam predictions.

1. SI unit of force?

A. Joule

B. Newton

C. Watt

D. Pascal

Answer: B. Newton
Force is measured in newtons.

2. Powerhouse of the cell?

A. Nucleus

B. Ribosome

C. Mitochondrion

D. Golgi body

Answer: C. Mitochondrion
Mitochondria generate much of the cell's usable energy.

3. Chemical formula of water?

A. CO2

B. H2O

C. O2

D. NaCl

Answer: B. H2O
A water molecule contains two hydrogen atoms and one oxygen atom.

4. Which vitamin helps blood clotting?

A. A

B. C

C. K

D. D

Answer: C. K
Vitamin K is needed to produce several clotting factors.

5. Plants absorb which gas in photosynthesis?

A. Oxygen

B. Nitrogen

C. Carbon dioxide

D. Hydrogen

Answer: C. Carbon dioxide
Plants use carbon dioxide and water to make sugars using light.

6. Neutral pH at 25°C?

A. 0

B. 5

C. 7

D. 14

Answer: C. 7
A neutral aqueous solution has pH 7 at 25°C.

7. Which metal is liquid at room temperature?

A. Iron

B. Mercury

C. Aluminium

D. Copper

Answer: B. Mercury
Mercury is liquid at ordinary room temperature.

8. Which organ pumps blood?

A. Liver

B. Lungs

C. Heart

D. Kidney

Answer: C. Heart
The heart circulates blood throughout the body.

9. Hardest naturally occurring substance?

A. Quartz

B. Diamond

C. Graphite

D. Gypsum

Answer: B. Diamond
Diamond is the hardest naturally occurring mineral on the Mohs scale.

10. Sound cannot travel through:

A. Air

B. Water

C. Steel

D. Vacuum

Answer: D. Vacuum
Sound requires a material medium.

11. Largest organ of the human body?

A. Liver

B. Skin

C. Lung

D. Brain

Answer: B. Skin
Skin is the body's largest organ.

12. Which blood cells fight infection?

A. Red cells

B. White cells

C. Platelets

D. None

Answer: B. White cells
White blood cells are key components of the immune system.

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