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Subject:- Science

Ans1 Hydrolysis is a common form of a chemical reaction where water is mostly used to break down the chemical bonds that exists between a particular substance.

Ans2 Answer is coming as 10.2 litres.

Ans3 A small particle with a negative charge that is found in all atoms.

Ans4 Velocity is the directional speed of an object in motion as an indication of its rate of change in position.

Ans5 About 70 muscles are involved in speaking.

Ans6 It's answer is True.

Ans7

Ans8 chlorophyll, any member of the most important class of pigments involved in photosynthesis, the process by which light energy is converted to chemical energy through the synthesis of organic compounds. Chlorophyll is found in virtually all photosynthetic organisms, including green plants, cyanobacteria, and algae. It absorbs energy from light; this energy is then used to convert carbon dioxide to carbohydrates.

The chlorophyll molecule consists of a central magnesium atom surrounded by a nitrogen-containing structure called a porphyrin ring; attached to the ring is a long carbon–hydrogen side chain, known as a phytol chain. Variations are due to minor modifications of certain side groups. Chlorophyll is remarkably similar in structure to haemoglobin, the oxygen-carrying pigment found in the red blood cells of mammals and other vertebrates.