

ROUND ABOUT

Worksheet -XIV

Name: Class: Roll No.:

A. Given below are the pictures and the description about the pioneers of science. Guess their names and write them in the space provided.

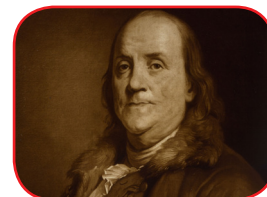
Pick-up point- Michael Faraday, Isaac Newton, Charles Babbage, Charles Darwin, Benjamin Franklin, C.V. Raman

1. Hewasthephysicistandachemistwhomademanynotablecontributions to electricity and chemistry. His discovery of electromagnetic induction led to the discovery of the electric generator.



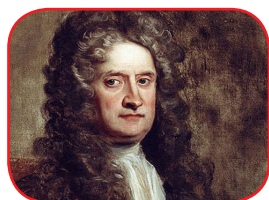
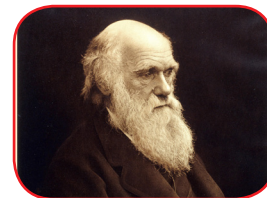
2. He invented the principle of the analytical engine in mid 1830s. He is the foreunner of the modern electronic computer.

3. He was a famous politician and scientist. He went to school for just two years. To show that lightning is a discharge of electricity from the clouds, he flew a kite in thunderstorm. He also invented the lightening conductor.



4. An Indian scientist who received the Noel Prize for Physics in 1930. His theory proclaimed that when light passes through a transparent material, some of it changes in wavelength. He was knighted in 1929

5. In his book in 'Origin of Species' in 1859, he provided a scientific explanation of how diverse species of animals and plants have descended over time from the common ancestors



6. This English astronomer and mathematician worked out the theory of gravity after observing the apple falling from a tree. He also found that sunlight is made up of different colours.

B. Fill in the blanks with the correct answers.

Pick-up point- Benzene, vulcanization, Bakelite, aquaregia, mass, sulphuric acid, chlorophyll, carbon monoxide

1. is a dangerous gas produced due to burning of carbon in limited supply of air: a fire in closed room may produce this gas.
2. is the most important chemical reagent for the chemical industry.
3. The first discovered synthetic plastic is
4. is the process by which the natural rubber is made durable and stable towards heat.
5. is the molecule which traps the solar energy and provides energy to nearly all living beings on the Earth.
6. A chemical equation depends upon the principle of conservation of
7. is a liquid which dissolves the noble metals: gold, silver and platinum.
8. is the chemical compound whose molecular structure was supposedly influenced by a snake biting its own tail.