

Pioneers in Science - Physics and Chemistry

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Archimedes – Invention of the famous Archimedean law, discovery of the principles of lever and specific gravity.

Avogadro – An Italian scientists known for Avogadro's hypo-thesis.

Becquarrel – Radio-activity of uranium.

Baird J.L. – Television.

Benjamin Franklin – Lightning conductor.

Bhabha H.J. – Research in cosmic rays and quantum theory.

Binet – Intelligence tests.

Bose, J.C. – Cresco graph.

Bose, S.N. – Discovery of nuclear particles 'Boson'.

Bohr – Electron Theory, Atomic structure.

Bunsen – Spectroscope.

Bushwell – Submarine.

Carothers – Nylon Plastics.

Cavendish – Discovery of hydrogen, rare gases, chemical composition of water.

Charles Darwin – Theory of Evolution; Origin of Species.

Curie, Madame – Radium.

Dalton – Law of partial pressures; Atomic theory; laws of chemical combination; the law of multiple proportions.

Democritus – (Greek Philosopher) – Atomic theory.

Dewar – Thermos flask.

Einstein – Theory of relativity.

Euclid – Science of geometry.

Fahrenheit – Fahrenheit mercury thermometric scale in which freezing point is -32° and boiling point is 212° .

Farady – Electromagnetic induction and laws of electrolysis.

Fermi – Artificial splitting of atoms.

Freud – Psycho-analysis.

Gay Lussac – Law of gases.

Herschel. William – Discovered the planet Uranus.

Hertz – Electrical waves.

Hoffman – Aniline dye.

Kelvin, Lord – Dynamic theory of heat.

Khorana, Dr. Hargovind – Interpretation of genetic code.

Lawrence – Invention of cyclotron.

Lee de Forest – Talkies, radio, telephone.

Lockyer – Helium gas.

Louis Braille – Discovered and perfected his system of reading and writing for the blind.

Marconi – Wireless telegraphy, radio.

Maxwell – Electromagnetic theory of light.

Mendel – Laws of heredity.

Mendeleev – Periodic table.

Millikan, R.A. – Cosmic rays.

Newton – Laws of Motion, laws of gravitation.

Nobel – Dynamite.

Otto Hahn – Discovery of uranium fission.

Planck – Quantum theory.

Priestley – Discovery of oxygen.

Raman C.V. – ‘Raman Effect’.

Ramnathan – Molecular scattering of light in fluids.

Ramanujam – A great Indian mathematician.

Ramsay – Discovery of inert gases like argon, Helium, Neon etc.

Robert Mallet – Seismograph.

Roger Bacon – Discovery of gun powder.

Rontgen – Discovery of X-rays.

Rutherford – Succeeded in splitting the atom for the first time.

Stephenson – British Engineer to put locomotive on the line.

Thomson J.J. – Discovered electron.

Urey – Discovery of Heavy Hydrogen.

Volta – Current electricity and electric battery.

Wadia D.N. – Meteorology.

Ykawa. Hideki – Meson.

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