

# IMPORTANT SCIENTISTS THEIR INVENTIONS & DISCOVERIES

# FOR ALL GOVERNMENT EXAMS

Static GK is an integral part of the General Awareness Section. Questions related to famous Scientists, their Inventions and Discoveries are common in the General Awareness Section of many Government exams like SSC CHSL, SSC CGL, LIC, SBI PO and Clerk, IBPS PO and Clerk, RBI, and more. Therefore, one must be very thorough with this topic.

#### Here's a Sample Question:

Who defined the Law of Gravitation?

- a. Newton
- b. Galileo
- c. Archimedes
- d. Faraday

#### Solution: a

In competitive exams, as little as 1 mark can make a lot of difference. For your assistance, we bring to you a Free eBook on Important Scientists: Their Inventions and Discoveries. The following pages of the eBook lists down the names of Famous Scientists along with their Inventions and Discoveries.





Scientists	Inventions / Discoveries / Known For
Albert Einstein	Theory of Relativity, Photon, Photoelectric Effect
Albert Hofmann	Lysergic acid diethylamide (LSD)
Alexander Fleming	Penicillin
Alessandro Volta	Methane
Alfred Nobel	Dynamite
Alessandro Volta	Battery
Anders Celsius	Celsius
Antoine Laurent Lavoisier	Identified Oxygen, Hydrogen, Role of Oxygen in Combustion, Established that Sulfur was an element
Anton van Leeuwenhoek	Simple Microscope, Infusoria, Bacteria, Protozoa, Vacuole of the cell, Spermatozoa, Banded pattern of muscular fibres
Archimedes	Archimedes' principle, Archimedes' screw, Claw of Archimedes
Arnold O. Beckman	pH Meter
Baruch Blumberg	Hepatitis B Vaccine
Blaise Pascal	Calculator
Breidenbach	Glyoxysomes

Camilo Golgi	Golgi Bodies
Carl Linnaeus	Formalised Binomial Nomenclature
Charles Parson	Steam Turbine
Charles Darwin	Theory of Evolution by Natural Selection
Charles Landsteiner	Rh Factor, Blood Replacement
Christiaan Huygens	Wave Theory of Light, Discovery of Titan
Dmitri Mendeleev	Periodic Table of Elements
Dresser	Aspirin
Edme Regnier	Dynamometer
Edward Buchner	Zymase, the first enzyme
Edward Calvin	Thyroxin, Cortisone
Edward Jenner	Vaccination (Small Pox)
Edward Teller	Hydrogen Bomb
Edwin Hubble	Modern (Hooker) Telescope, Asteroid 1373 Cincinnati
Einthoven	ECG (Electrocardiogram) Mechanism
Emil Fischer	Fischer Esterification, Fischer projection
Enrico Fermi	Transuranic Elements
Ernest Rutherford	Discovery of alpha and beta radioactivity, proton, Rutherford scattering, Rutherford backscattering spectroscopy,

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	Discovery of atomic nucleus (Rutherford model), Structure of the Atom
Ernst Haeckel	Three- Kingdom Classification, Biogenetic Law (Recapitulation Theory)
Ernst Mayr	Concept of Peripatric Speciation
Erwin Schrodinger	Wave Equation (Schrödinger Equation )
Eugen Goldstein	Anode Rays
Evangelista Torricelli	Barometer
Francis Crick	Structure of DNA Molecule
Francis Galton	Galton Board, Galton Whistle, Eugenics, Weather Map, Theory of Anticyclones
Friedrich Dexler	Ammeter
Frederick Gowland Hopkins	Vitamins, Tryptophan
Frederick Sanger	Sequencing of Protein
Fritz Hofmann	Synthetic Rubber
Galileo Galilei	Principles of Relativity, Four Moons of Jupiter (Galilean Moons), Saturn's Ring
Gregor Mendel	Laws of Inheritance
Gustav Kirchhoff	Spectroscopy, Kirchhoff's Law
Hans Bethe	CNO Cycle
Hans Lippershey	Telescope

Harrison & Simpson	Chloroform
Heike Kamerlingh Onnes	Superconductivity
Hermann von Helmholtz	Theories on The Conservation of Energy
Hofmeister	Cell Division
Isaac Newton	Laws of Motion, Universal Law of Gravitation, Generalized Binomial Theorem, Modern Calculus
James Clerk Maxwell	Theory of Electromagnetic Radiation, Maxwell's Equations
James Watson	Structure of DNA
Jean Baptiste Lamarck	Theory of Inheritance of Acquired Characteristics (Lamarckian inheritance)
Johannes Kepler	Laws of Planetary Motion
John Bardeen	Transistor, Theory of Conventional Superconductivity (BCS Theory)
John Dalton	Theory of the Atom
Jonas Edward Salk	Polio Vaccine (Salk Vaccine)
Joseph J. Thomson	Discovery of the Electron, Sub-atomic particle, Isotopes
Justus Liebig	Law of the Minimum, Liebig Condenser

Karl Landsteiner	Blood Group
Knoll M. and Ruska E.	Electron Microscope
Konrad Lorenz	Ethology
Leon Battista Alberti	Anemometer
Linus Pauling	Twentieth-Century Chemistry
Loeffler F. and Frosch A.	Foot and Mouth Disease- First viral disease of animals
Lohmann K	ATP
Louis Pasteur	Principles of Vaccination, Microbial Fermentation, Pasteurization
Louis Victor de Broglie	Pilot-Wave Model, Wave-Particle Duality
Ludwig Boltzmann	Thermodynamics, Boltzmann equation, H-theorem
Lynn Margulis	Symbiosis Theory
Marcello Malpighi	Microscopic Anatomy
Marie Curie	Radioactivity
Martin Clive	Human Gene Therapy
Max Born	Quantum Mechanics
Max Delbruck	Bacteriophage
Max Planck	Quanta
Max von Laue	X-ray Crystallography

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Michael Dibake	Artificial Heart
Michael Faraday	Classical Field Theory
Michael Tswett	Chromatography
Murray Gell-Mann	Eightfold Way
Neil Bohr	Atomic Model
Nicolaus Copernicus	Heliocentric Universe
Paul Dirac	Quantum Electrodynamics
Paul Ehrlich	Chemotherapy
Paul Muller	DDT
Pierre Vernier	Vernier Caliper
Pierre Simon de Laplace	Newtonian Mechanics
Porter K.R, Claude and Fullman	Endoplasmic Reticulum
Rene Laennec	Stethoscope
Richard Feynman	Quantum Electrodynamics
Robert Koch	TB Bacteria
Robert Weinberg	Gene of Cancer
Rudolf Virchow	Cell Doctrine
Schimper	Chloroplast

Schleiden and Schwann	Cell Theory
Sheldon Breiner	Magnetometer
Sheldon Glashow	Discovery of Charm
Stephen Hawking	Quantum Cosmology
Theodosius Dobzhansky	the Modern Synthesis
Thomas Green Morton	Anesthesia
Thomas Hunt Morgan	Chromosomal Theory of Heredity
Tycho Brahe	New Astronomy
Waldemar Haffkine	Cholera Vaccine, Plague Vaccine
Waldo Semon & B. F. Goodrich Company	Polyvinyl Chloride
Walton Lillehei	Open Heart Surgery
Watson & Arthur	RNA
Werner Heisenberg	Quantum Theory
Whittaker R.H	Five Kingdom Classification
Wilhelm Roentgen	X-rays
Willard Libby	Radioactive Dating
Willem Kolff	Kidney Machine
William Bayliss	Modern Physiology

William Harvey	Circulation of the Blood
William Herschel	Discovery of the Heavens
William Kroll	Titanium
William Stanley	Transformer
William Sturgeon	Electromagnet





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