



Important Inventions and Discoveries for SSC & Railway Exams

In the upcoming SSC CGL, GD Constable, CHSL, Railways NTPC CBT 2 and Group D Exams, Static GK questions will be asked to check the general knowledge of the candidates. Inventions & Discoveries is one of the most important topics of static GK. As seen in the previous year exams too, 2-5 questions have been asked from this topic. Students are advised to read the below-given list thoroughly. Also, you can download the PDF of the complete list from the link provided below.

Inventions and Discoveries for SSC & Railway Exams: Physics

Inventions/Discoveries	Name of the Person/Scientist	Year of Invention/ Discovery
Amplitude Modulation (AM)	Reginald Fessenden	1901
Air Brake	George Westinghouse	1869
Air Pressure	Evangelista Torricelli	
Anemometer	Leon Battista Alberti	1450
Ammeter	Friedrich Dexler	1884
Anode Rays	Eugen Goldstein	
Atomic Nucleus	Ernest Rutherford	
Battery	Alessandro Volta	
Barometer	Evangelista Torricelli	1643
Calorimeter	Antoine Lavoisier	1780
Cathode Ray Tube	Ferdinand Braun	1897
Celsius	Anders Celsius	1742
Dynamometer	Edme Rednier	1798
Electromagnet	William Sturgeon	1825
Fuel Cell	William Grove	1839
Inclinometer	William B. Melick	1889
Gamma Rays	Paul Villard (first observed while investigating radiation)	1900
Gravity	Sir Isaac Newton	1687
Hubble Space Telescope	NASA (Telescope is name after Edwin Hubble)	1990
Induction Motor	Nikola Tesla	1887
Large Hadron Collider	CERN	2008
LCD	Friedrich Reinitzer	1968
LED	Nick Holonyak, Oleg Losev	1962
Kinetoscope	Louis Le Prince, later patented by Thomas Edison in 1889	-
Magnetometer	Sheldon Breiner	1832
Mercury Thermometer	Gabriel Fahrenheit	1714
Microscope	Zacharias Janssen and Hans Lippershey	1590
Steam Turbine	Charles Parson	1698
Transformer	William Stanley	1885
Vernier Caliper	Pierre Vernier	

Inventions and Discoveries for SSC & Railway Exams: Chemistry

Inventions/Discoveries	Name of the Person/Scientist	Year of Invention/ Discovery
Acid	Albert Hofmann	1938
Aluminum	Charles Martin Hall	1825
Atoms	John Dalton (Theorized), later discovered by J.J Thomson in 1897	-
Covalent Bonds	Gilbert Newton Lewis	1916
Dynamite	Alfred Nobel	1867
Electrons	J J Thomson	1897
Hydrogen	Henry Cavendish	1766
Inert Gases	Sir William Ramsay	1962
Ionic Bonds	Svante August Arrhenius	1884
Neutron	James Chadwick	1932
Osmosis	Jean Antoine Nollet	1748
Oxygen	Joseph Priestley, Carl Wilhelm and Scheele	1774
Polythene	Eric Fawcett	1933
Proton	Ernest Rutherford	1919
pH meter	Soren Peder Lauritz	1909
Radioactivity	Henri Becquerel	1896
Periodic Table	Dmitri Mendeleev	1869
Neon	Georges Claude & Paris	1910
Polyvinyl Chloride	Eugen Baumann	1872
Synthetic Rubber	Fritz Hofmann	1909
Titanium	William Kroll	1791
Radium	Pierre Curie and Marie Curie	1898

Inventions and Discoveries for SSC & Railway Exams: Biology

Inventions/Discoveries	Name of the Person/Scientist	Year of Invention/ Discovery
Anesthesia	Thomas Green Morton	1938
Aspirin	Felix Hoffman	1897
Anthrax Vaccine	Louis Pasteur	1881
Automated DNA Sequencer	Lloyd M Smith	1987
Bacteria	Antonie Van Leewenhoek	1676
Microbes	Antonie Van Leewenhoek and Robert Hooke	1665
BCG Vaccine	Camille Guerin and Albert Calmette	1921
Blood Group	Karl Landsteiner	1901
Calcium	Humphry Davy	1808
Cholera Vaccine	Waldemar Haffkine	1892
Cell	Robert Hooke	1665
Cell Nucleus	Robert Brown	1831
DDT (Dichloro-diphenyl-trichloroethane)	Paul Hermann Muller	1940

ECG	Willem Einthoven	1887
Rubella Vaccine	Maurice Hilleman	1962
Hepatitis B Virus	Baruch Blumberg	1965
Hepatitis B Vaccine	Pablo DT Valenzuela	1986
Homeopathy and Allopathy	Samuel Hahnemann	1810
HIV	Luc Montagnier	1983
Insulin	Frederick Banting and J J R Macleod	1922
Polio Vaccine	Jonas Edward Salk	1955
Plague Vaccine	Waldemar Haffkine	1936
Penicillin	Alexander Fleming	1928
Smallpox Vaccine	Edward Jenner	1796
Spiral Structure of Protein	Linus Pauling	1951
Kidney Dialysis	Willem Johan Kolff	1943
X Ray	Wilhelm Rontgen	1895
Vitamin	Casimir Funk	1912
Vitamin A	Frederick Gowland Hopkins	1937
Vitamin B1	Christiaan Eijkman	1910
Vitamin C	Albert Szent-Gyorgi	1928
Vitamin E	Herbert McLean Evans and Katherine Scott Bishop	1922
Vitamin K	Henrik Dam	1929

Inventions and Discoveries for SSC & Railway Exams: Computer

Inventions/Discoveries	Name of the Person/Scientist	Year of Invention/ Discovery
Apple's iPhone	Steve Jobs	2007
Email	Ray Tomlinson	1978
Cable Modem	Rouzbeh Yassini	1990
C++	Bjarne Stroustrup	1979
C Programming Language	Dennis Ritchie	1972
Facebook	Mark Zuckerberg	2004
Google	Sergey Brin and Larry Page	1998
Laptop	Adam Osborne	1982
JAVA Computing Language	James Gosling	1991
Microprocessors	Stan Mazor, Federico Faggin, Ted Hoff	1971
Python	Guido Van Rossum	1991
Webcam	Paul Jardetzky and Quentin Stafford Fraser	1991
Search Engine	Alan Emtage	1990
Surface Computing	Microsoft	2001
Smartphone	IBM	1994
Supercomputers	Seymour Cray	1960
TCP/ IP	Vint Cerf and Bob Kahn	1983

Walkie-Talkie	Bill Vogel, Henryk Magnuski, Marion Bond, Lloyd Morris, Dan Noble	1937
World Wide Web	Robert Cailliau, Tim Berners, and Lee	1989
Yahoo	David Filo and Jerry Yang	1994

Inventions and Discoveries for SSC & Railway Exams: Space Science

Inventions/Discoveries	Name of the Person/Scientist	Year of Invention/ Discovery
Ballistic Missile	Wernher Von Braun	1944
Global Positioning System	Ivan A. Getting Roger L. Easton Bradford Parkinson	1973
Uranus	William Herschel	1781
Communication Satellite	Arthur C. Clarke	1958
Universe	Edwin Hubble	-
Solar System	Nicolaus Copernicus	1839
Planets	Galileo Galilei	-

Inventions and Discoveries for SSC & Railway Exams: Other Inventions

Inventions/Discoveries	Name of the Person/Scientist	Year of Invention/ Discovery
Airplane	Wilbur and Orville Wright, The Wright Brothers	1903
Calculator	Blaise Pascal	1642
Electric Bulb	Thomas Edison	1879
Fan	Schuyler Skaats Wheeler	1889
Newspaper	Johann Carolous	1605
Printing Press	Johannes Gutenberg	1439
Radio	Guglielmo Marconi	1896
Telephone	Alexander Graham Bell	1876
Television	Philo Taylor Farnsworth	1934

Inventions/Discoveries	Name of the Person/Scientist
Adding Machine	Pascal
Aeroplane	Wright brothers

Atom	John Dalton
Bacteria	A.V. Leeuwenhoek
Ball-Point Pen	John J. Loud
Barometer	Evangelista Torricelli
Bicycle	Macmillan
Blood Groups	Karl Landsteiner
Calculating machine	Pascal
Cement	Joseph Aspdin
Chemotherapy	Paul Ehrlich
Circulation of the Blood	William Harvey
Computer	Charles Babbage
Continental Drift	Alfred Wegener
Crescograph	J.C Bose
Diesel Engine	Rudolf Diesel
Electrons	J.J.Thomson
Electric Tram	Fyodor Pirotsky
Electromagnetic Nature of Light	James Maxwell
North Pole	Robert Peary
Solar System	Nicolaus Copernicus
South Pole	Roald Amundson
West Indies	Christopher Columbus
Dynamite	Alfred B. Nobel
Dynamo	Michael Faraday
Electric Battery	Alessandro Volta
Electric Generator	Michael Faraday
Electricity	Benjamin Franklin
Electron	Joseph J. Thomson
Evolution (theory)	Charles Darwin
Fahrenheit Scale	Fahrenheit
Fountain Pen	Lewis E. Waterman
Gas lighting	William Murdoch
Homoeopathy	Hahnemann
Hydrogen	Cavendish
Insulin	F.Banting
Jeans	Levi Strauss
Jet Engine	Sir Frank Whittle
Laser	Theodore Maiman
Laughing Gas (Nitrous oxide)	Priestley
Laws of Gravitation	Newton
Laws of Heredity	Gregory Mandel
Laws of Inheritance	Gregor Mendel
Laws of Motion	Newton
Laws of Planetary Motion	Kepler
Lift (Elevators)	Otis
Lightning Conductor	Benjamin Franklin
Machine Gun	Dr Richard Gatling

Match (safety)	Johan Edvard Lundstrom
Mercury Thermometer	Fahrenheit
Neutron	Chadwick
Nuclear Fission	Otto Hahn, Bohr and Fermi
Oxygen	Priestly
Paperclip	Johann Vaaler
Penicillin	Alexander Fleming
Printing for the Blind	Braille
Printing Press	Johannes Gutenberg
Rabies Vaccine	Louis Pasteur
Radio	G. Marconi
Radium	Madame Curie
Railway Engine	George Stephenson
Raman effect	C.V.Raman
Revolver	Samuel Colt
Sewing Machine	Thomas Saint
Shorthand	Sir Isaac Pitman
Stainless Steel	Harry Brearley
Steam Engine	James Watt
Stethoscope	Dr William Stokes, Rene Laennec
Structure of DNA	James Watson
Telegraph	Samuel Morse
Telescope	Galileo
Television	Baird
Vaccination	Edward Jenner
Vitamins	Hopkins and Funk
X – Rays	Roentgen



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