| **Subject** | **Best Book** |
| --- | --- |
| Physics | *Fundamentals of Physics* – Halliday, Resnick, Walker |
| Chemistry | *Physical Chemistry* – Atkins; *Organic* – Bruice; *Inorganic* – J.D. Lee |
| Biology | *Biology* – Campbell & Reece |
| Mathematics | *Calculus* – James Stewart; *Engg Math* – B.S. Grewal |
| Statistics | *Elements of Statistical Learning* – Hastie et al. |
| Environmental Science | *Environmental Science* – Wright & Boorse |
| Geology | *Earth: Intro to Physical Geology* – Tarbuck & Lutgens |
| Astronomy | *The Cosmic Perspective* – Bennett et al. |
| Biochemistry | *Lehninger Principles of Biochemistry* – Nelson & Cox |
| Biotechnology | *Molecular Biotechnology* – Glick et al. |
| Forensic Science | *Criminalistics* – Richard Saferstein |
| Marine Science | *Essentials of Oceanography* – Trujillo & Thurman |
| Atmospheric Science | *Meteorology Today* – C. Donald Ahrens |
| Subject | *Best Book* |
| Psychology | *"Psychology" by David G. Myers* |
| Sociology | *"Sociology" by Anthony Giddens* |
| Economics | *"Principles of Economics" by N. Gregory Mankiw* |
| Political Science | *"An Introduction to Political Theory" by O.P. Gauba* |
| Anthropology | *"Anthropology: What Does It Mean to Be Human?" by Lavenda & Schultz* |
| Geography | *"Human Geography: People, Place, and Culture" by Fouberg et al.* |
| History | *"The Penguin History of the World" by J.M. Roberts & Odd Arne Westad* |
| Archaeology | *"Archaeology: Theories, Methods, and Practice" by Colin Renfrew & Paul Bahn* |
| Criminology | *"Criminology: The Core" by Larry J. Siegel* |
| Demography | *"Demography: Measuring and Modeling Population Processes" by Preston et al.* |
| Urban Studies | *"Cities of Tomorrow" by Peter Hall* |
| Gender Studies | "Gender Trouble" by Judith Butler |
| International Relations | *"The Globalization of World Politics" by Baylis, Owens, and Smith* |
| Public Administration | *"Public Administration: Concepts and Theories" by Rumki Basu* |

**✅ Best Book in Social Work**

**📘 *"Introduction to Social Work"* by Lisa E. Cox, Carolyn J. Tice, and Dennis D. Long**

**Civil Engineering** – *“Strength of Materials”* by **R.K. Bansal**  
⚙️ **Mechanical Engineering** – *“Engineering Thermodynamics”* by **P.K. Nag**  
⚡ **Electrical Engineering** – *“Basic Electrical Engineering”* by **V.K. Mehta & Rohit Mehta**  
📡 **Electronics & Communication Engineering** – *“Electronic Devices and Circuits”* by **Boylestad & Nashelsky**  
💻 **Computer Science Engineering** – *“Introduction to Algorithms”* by **Cormen, Leiserson, Rivest & Stein (CLRS)**  
🖥️ **Information Technology** – *“Data Communications and Networking”* by **Behrouz A. Forouzan**  
✈️ **Aerospace Engineering** – *“Fundamentals of Aerodynamics”* by **John D. Anderson**  
🚗 **Automobile Engineering** – *“Automobile Engineering”* by **Kirpal Singh**  
🧬 **Biotechnology Engineering** – *“Molecular Biology of the Cell”* by **Alberts et al.**  
⚗️ **Chemical Engineering** – *“Unit Operations of Chemical Engineering”* by **McCabe, Smith & Harriott**  
📟 **Instrumentation Engineering** – *“Principles of Industrial Instrumentation”* by **D. Patranabis**  
⛏️ **Mining Engineering** – *“Elements of Mining Technology Vol. 1–3”* by **D.J. Deshmukh**  
🏭 **Metallurgical Engineering** – *“Materials Science and Engineering”* by **William D. Callister**  
🛠️ **Production Engineering** – *“Production Technology”* by **R.K. Jain**  
🧵 **Textile Engineering** – *“Textile Science”* by **E.P.G. Gohl & L.D. Vilensky**  
🛢️ **Petroleum Engineering** – *“Petroleum Production Systems”* by **Michael J. Economides**

🤖 **Artificial Intelligence (AI)** – *“Artificial Intelligence: A Modern Approach”* by **Stuart Russell & Peter Norvig**  
📚 **Machine Learning (ML)** – *“Pattern Recognition and Machine Learning”* by **Christopher M. Bishop**  
📊 **Data Science** – *“Python for Data Analysis”* by **Wes McKinney**  
🔐 **Cybersecurity** – *“Computer Security: Principles and Practice”* by **William Stallings & Lawrie Brown**  
🦾 **Robotics** – *“Introduction to Robotics: Mechanics and Control”* by **John J. Craig**  
🔬 **Nanotechnology** – *“Introduction to Nanotechnology”* by **Charles P. Poole Jr. & Frank J. Owens**  
💻 **Software Engineering** – *“Software Engineering”* by **Ian Sommerville**

**📖 English Literature – “The Norton Anthology of English Literature” edited by Stephen Greenblatt**

**🌍 Comparative Literature – “Comparative Literature: A Critical Introduction” by Susan Bassnett**

**✍️ Creative Writing – “On Writing: A Memoir of the Craft” by Stephen King**

**🗣️ Linguistics – “Course in General Linguistics” by Ferdinand de Saussure**

**🧠 Philosophy – “The Republic” by Plato**

**🈯 Languages**

* **Hindi – “Godaan” by Munshi Premchand**
* **Sanskrit – “Bhagavad Gita” by Vyasa**
* **French – “Madame Bovary” by Gustave Flaubert**
* **German – “Faust” by Johann Wolfgang von Goethe**
* **Spanish – “Don Quixote” by Miguel de Cervantes**
* **Mandarin – “Dream of the Red Chamber” by Cao Xueqin**

**🕊️ Religious Studies – “A History of God” by Karen Armstrong**

**🏛️ Classics – “The Iliad” by Homer**

**🌐 Cultural Studies – “Orientalism” by Edward W. Said**

**🎬 Film Studies – “Film Art: An Introduction” by David Bordwell & Kristin Thompson**

**📺 Media Studies – “Understanding Media: The Extensions of Man” by Marshall McLuhan**

**🗣️ Communication Studies – “The Dynamics of Persuasion” by Richard M. Perloff**

**🎨 Art History – “The Story of Art” by E.H. Gombrich**

**🎼 Music Theory – “Tonal Harmony” by Stefan Kostka & Dorothy Payne**

**🎹 Music Performance – “The Art of Practicing: A Guide to Making Music from the Heart” by Madeline Bruser**

**💃 Dance – “Dance: A Very Short Introduction” by Sally Banes**

**🎭 Theatre – “An Actor Prepares” by Konstantin Stanislavski**

**✍️ Fine Arts – “Drawing on the Right Side of the Brain” by Betty Edwards**

**📐 Design**

* **Graphic Design – “Graphic Design: The New Basics” by Ellen Lupton & Jennifer Cole Phillips**
* **Fashion Design – “Fashion Design Course: Principles, Practice, and Techniques” by Steven Faerm**
* **Interior Design – “Interior Design Illustrated” by Francis D.K. Ching**

**🏢 Business Administration – “Principles of Management” by Stephen P. Robbins & Mary Coulter**

**🧑‍💼 Management – “The Essential Drucker” by Peter F. Drucker**

**📈 Marketing – “Marketing Management” by Philip Kotler & Kevin Lane Keller**

**💰 Finance – “Principles of Corporate Finance” by Richard A. Brealey, Stewart C. Myers & Franklin Allen**

**📊 Accounting – “Financial Accounting” by Jerry J. Weygandt, Paul D. Kimmel & Donald E. Kieso**

**👥 Human Resources – “Human Resource Management” by Gary Dessler**

**⚙️ Operations Management – “Operations Management” by William J. Stevenson**

**🚚 Supply Chain Management – “Supply Chain Management: Strategy, Planning, and Operation” by Sunil Chopra & Peter Meindl**

**🌍 International Business – “International Business: Competing in the Global Marketplace” by Charles W.L. Hill & G. Tomas M. Hult**

**🚀 Entrepreneurship – “The Lean Startup” by Eric Ries**

**📊 Business Analytics – “Data Science for Business” by Foster Provost & Tom Fawcett**

**👔 Organizational Behavior – “Organizational Behavior” by Stephen P. Robbins & Timothy A. Judge**

**🩺 Medicine – “Robbins Basic Pathology” by Kumar, Abbas & Aster**

**👩‍⚕️ Nursing – “Fundamentals of Nursing” by Patricia A. Potter & Anne Griffin Perry**

**🦷 Dentistry – “Oral Pathology for the Dental Hygienist” by Olga A.C. Ibsen & Joan Andersen Phelan**

**💊 Pharmacy – “Goodman & Gilman’s The Pharmacological Basis of Therapeutics” by Brunton, Hilal-Dandan & Knollmann**

**🌍 Public Health – “Public Health 101: Healthy People—Healthy Populations” by Richard Riegelman**

**🏃 Physiotherapy – “Physical Rehabilitation” by Susan B. O’Sullivan & Thomas J. Schmitz**

**🤲 Occupational Therapy – “Willard and Spackman’s Occupational Therapy” by Barbara A. Schell & Glen Gillen**

**🧪 Medical Laboratory Technology – “Clinical Laboratory Science: The Basics and Routine Techniques” by Jean Jorgenson Linné & Karen Munson**

**📸 Radiology – “Grainger & Allison’s Diagnostic Radiology” by Andy Adam & Adrian K. Dixon**

**🥗 Nutrition and Dietetics – “Modern Nutrition in Health and Disease” by A. Catharine Ross et al.**

**🐾 Veterinary Science – “Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses” by Radostits, Gay, Hinchcliff & Constable**

**Ayurveda**

**📖 “Charaka Samhita” — Charaka  
*The ancient foundational text of Ayurveda, considered the cornerstone for understanding Ayurvedic principles and practice.***

**Homeopathy**

**📖 “Organon of Medicine” — Samuel Hahnemann  
*The seminal work that laid the foundation for homeopathy; essential for anyone serious about understanding homeopathic philosophy and practice.***

**Unani**

**📖 “The Canon of Medicine” (Al-Qanun fi al-Tibb) — Avicenna (Ibn Sina)  
*The classic authoritative text in Unani medicine, foundational for its theory and practice.***

**General Education**

**📖 "Foundations of Education" — Anthony J. Dosch  
*Well-rounded introduction to education foundations, widely used in teacher education.***

**Educational Psychology**

**📖 "Educational Psychology: Theory and Practice" — Robert E. Slavin  
*Clear, accessible, and practical, with strong emphasis on applying psychology to education.***

**Educational Leadership**

**📖 "Educational Leadership: A Bridge to Improved Practice" — William G. Cunningham & Paula A. Cordeiro  
*Comprehensive and practical guide widely used for educational leadership training.***

**Curriculum and Instruction**

**📖 "Curriculum Development: A Guide to Practice" — Jon W. Wiles & Joseph Bondi  
*Popular for understanding the theory and practice of curriculum design.***

**Special Education**

**📖 "Exceptional Learners: An Introduction to Special Education" — Hallahan, Kauffman & Pullen  
*Authoritative, comprehensive, and updated coverage of special education.***

**Early Childhood Education**

**📖 "Theories of Childhood" — Carol Garhart Mooney  
*Highly recommended for understanding major child development theories shaping early education.***

**Adult Education**

**📖 "The Adult Learner" — Malcolm S. Knowles, Elwood F. Holton III & Richard A. Swanson  
*The classic foundational text on adult learning theory and practice.***

**Physical Education**

**📖 "Foundations of Physical Education, Exercise Science, and Sport" — Gallahue & Ozmun  
*Standard comprehensive text in physical education and exercise science.***

**Introduction to the Study of Law" by M.P. Jain**

**Architecture: Form, Space, and Order" by Francis D.K. Ching Agriculture:  
"Principles of Agronomy for Sustainable Agriculture" — Francis J. Villalobos & Elias Fereres  
*(Highly regarded for combining agronomy fundamentals with sustainable practices.)***

**Horticulture:  
"Fundamentals of Horticulture" — Dinesh Chandra & Ashok Kumar  
*(Comprehensive and practical, widely used in horticulture studies.)***

**Forestry:  
"Forest Ecology" — J.P. Kimmins  
*(An authoritative text on ecological principles applied to forestry.)***

**Fisheries:  
"Fisheries Biology, Assessment and Management" — Michael King  
*(Well-respected and detailed, covers biology and management effectively.)***

**Dairy Science:  
"Dairy Science and Technology" — P. Walstra, J.T.M. Wouters & T.J. Geurts  
*(Comprehensive, detailed on dairy technology and science.)***

**Food Technology:  
"Food Science" — Norman N. Potter & Joseph H. Hotchkiss  
*(Classic and comprehensive in food science basics.)***