SCIENCE & TECH IN EVERYDAY LIFE	Role of S&T in daily life, applications in agriculture, healthcare, communication, transportation, energy, environmental sustainability, integration of science and society, indigenous knowledge systems, policy interface
INDIAN S&T ECOSYSTEM & INSTITUTIONS	Evolution of S&T in India, ministries (DST, DAE, DBT, DSIR, ISRO), CSIR, DRDO, research ecosystem, government initiatives (INSPIRE, NIDHI, STIP), innovation ecosystem, challenges (R&D funding, brain drain)
UNIVERSE & SPACE SCIENCE	Origin of universe, galaxies, stars, solar system, astrophysical phenomena, cosmology basics
SPACE TECHNOLOGY & APPLICATIONS	ISRO, satellites (communication, remote sensing, navigation), launch vehicles (PSLV, GSLV), space missions (Chandrayaan, Mangalyaan), NavIC, applications in governance, disaster management

ENERGY (CONVENTIONAL & RENEWABLE)	Fossil fuels, renewable energy (solar, wind, biomass, hydro), energy security, energy efficiency, hydrogen energy, biofuels
NUCLEAR SCIENCE & TECHNOLOGY	Nuclear energy, radioactivity, nuclear reactors, nuclear fuel cycle, radiation, nuclear safety, nuclear policy
INFORMATION & COMMUNICATION TECHNOLOGY (ICT)	Basics of ICT, internet, telecom, 5G, artificial intelligence, machine learning, big data, cloud computing, cybersecurity, blockchain
EMERGING TECHNOLOGIES	AI, robotics, IoT, quantum computing, AR/VR, 3D printing, cyber-physical systems, fintech innovations
DEFENCE TECHNOLOGY	Missiles (Agni, Prithvi), defence systems, radar, UAVs, cybersecurity, DRDO technologies, indigenous defence production
NANOTECHNOLOGY	Basics, properties, applications (medicine, environment, electronics), risks and challenges

BIOTECHNOLOGY – BASICS	DNA, RNA, genes, genetic engineering, cell biology, enzymes, cloning
BIOTECHNOLOGY – APPLICATIONS	GM crops, vaccines, stem cells, gene therapy, CRISPR, bioinformatics, industrial biotechnology
HEALTH, DISEASES & MEDICAL SCIENCE	Types of diseases (communicable, non-communicable), immunity, vaccines, pandemics (COVID-19), diagnostics, public health systems
ADVANCED PHYSICS CONCEPTS	Superconductivity, lasers, photonics, applications
INTELLECTUAL PROPERTY RIGHTS (IPR)	Patents, copyrights, trademarks, GI tags, IPR issues in pharma & tech, TRIPS
MISCELLANEOUS & INTERDISCIPLINARY TOPICS	Scientific instruments, everyday science, interdisciplinary applications, current developments