INDEX

A		C	
Acid Rain	73, 241	Calorific Value	72
Acrylic	34	Carrier	23
Adam's Apple	116	Cassiopeia	224
Adolescence	120	Celestial Objects	215, 216
Adrenalin	120	Cell	90-96, 173
Agricultural Practices	1, 2	Cell Membrane	93, 94
Air Pollution	240, 241	Cell Wall	94
Algae	17-19	Chemical Contamination	247
Amplitude	164, 165	Chloroplast	96
Angle of Incidence	200	Chromosome	95
Angle of Reflection	200	Coal	44, 45, 57, 59-61
Animal Husbandry	12	Coal Gas	58
Antibiotics	20,21	Coal Tar	58
Antibodies	21	Coke	58
Artificial Satellites	232	Combustion	64,65
Artificial silk	33	Comets	251
Asexual Reproduction	100, 106, 107	Communicable Diseases	23
Asteroids	230	Conductor	45, 175, 176
Atmospheric pressure	140, 141	Cones	206
Atom	52	Constellations	221-224
Audible	166	Contact Force	134, 135
_	X U	Cornea	206
B		Crop	1-3, 10
Bacteria	17-21	Crust	192
Balanced Diet	121	Cytoplasm	94
Ball Bearing	153	_	
Binary Fission	107	D	
Biodiversity	78, 79	Deforestation	75, 77, 78, 84
Biosphere Reserve	79-82	Desertification	78
Blind spot	206	Diffused/Irregular reflection	n 202
Braille	209, 210	Discharge	188, 189
Budding	107	Dispersion	205

Displacement Reaction	50, 51	G	
Drag	153	Gene	95
Ductility	45	Global Warming	61, 73, 243
-		_	45, 172, 173, 175, 176, 187
E		Granaries	12
Eardrum	161, 162	Gravitational Force	137
Earthquake	190-195	Gravity	137
Earth's Plates	190, 193	Green House Effect	242, 243
Ecosystem	83		
Eggs 90, 91, 1	102-106, 108, 116-118	H	
Electrode	176-178	Hardness	44
Electroplating	178, 179	Harvesting	10, 11
Electrostatic Force	136, 138	Hertz (Hz)	164, 166
Elements	52	Hormones	117, 119, 120
Embryo	104		
Endangered Species	83	I	A A 9
Endemic Species	81	Ideal Fuel	72
Endocrine Glands	117	Ignition Temperatu	re 67
Estrogen	117	Incident Rays	199-201
Eukaryotes	95	Inflammable Subst	ances 68
Explosion	70	Insulin	120
External Fertilisation	103	Interlocking	151
Extinct	83	Internal Fertilisation	
		Iris	206
F		Irrigation	7-9
Fauna	80, 81	K	
Fermentation	20	Kaleidoscope	204, 205
Fertilisation	102	Kharif	2
Fertiliser	5-7		
Fire Extinguisher	69	L	
Flame	64, 65, 70-72	Lactobacillus	19
Flora	80-82	Larynx	160
Fluid Friction	153	Lateral Inversion	202
Foetus	105	Laws of Reflection	199-201
Force	127-138, 141	LED	174
Fossil Fuel	57, 61	Light Year	220
Friction	146-153	Lightning	184, 188, 189
Fuel	64, 68, 69, 72, 73	Lightning Conducto	
Fuel Efficiency	72	Loudness	164, 165
Fungi	11, 17-19	Lubricants	151, 152
G	,		,

254 Science

M		Petroleum	56-61
Magnetic Force	135	Petroleum Refinery	60
Malleability	45, 46	Phases of Moon	216-218
Manure	5	Pitch	165, 166
Metalloids	52	Pituitary Gland	117
		Planets	225-228, 230
Metals	44-46, 48-52	Plasma membrane	93, 94
Metamorphosis	106	Plastic	36-39
Meteorites	231	Plastid	96
Meteors	231	Plough	3
Microorganism	17, 19-26	Pole Star	221
Migratory Birds	84	Pollutants	240, 241, 243, 245 34, 35
Multicellular	91	Polyester	33, 36
Muscular Force	134, 135	Polymer Polythene	34, 36
N		Poor Conductor	172, 175
	00.00	Positive Charge	188
National Park	82, 83	Potable Water	248
Natural Gas	56, 57, 59-61	Preservation	25, 26
Natural Satellites	228	Pressure	137-142
Negative Charge	187, 188	Prokaryotes	95
Nitrogen Cycle	27	Protozoa	17
Nitrogen Fixation	26	Pseudopodia	92
Noise	166, 167	Puberty	117, 118
Non-Contact Force	136, 137	Pull	127-132
Non-Metals	44, 46-52	Pupil	204, 206
Nuclear Membrane	95	Push	127-138
Nucleolus	95	R	
Nucleus	94, 96	Rabi	2
Nylon	33, 34	Rayon	33
	XU	Red Data Book	83, 84
0		Reflected Rays	199-201
Orbit	217, 225, 226	Reflection	199-202
Organ	92, 93	Reforestation	84
Organelles	95	Regular Reflection	202
Orion	222, 224	Remote Sensing	232
Oscillation	164	Reproductive Health	120
Oviparous Animals	105	Retina	204, 206
		Rhizobium	26
P		Richter Scale	193, 194
Pasteurisation	26	Rods	208
Pathogen	23	Rolling Friction	152

INDEX 255

S		Time Period	164
Sanctuary	78, 79, 82	Tissue	92, 93, 95
Secondary Sexual Characters	116	Transfer of Charge	187
Seeds	4-6	Tremor	193, 194
Seismograph	194	Tsunami	192
Sex Chromosomes	118	U	
Sexual Reproduction	100	_	
Shooting Stars	231	Unicellular	91
Shrillness	165	Ursa Major	221-223
Silo	12	\mathbf{v}	A
Sliding Friction	152	Vaccine	21
Solar System	215, 224, 228	Vacuole	96
Sonorous	46	Vibration	158
Sowing	4, 5	Virus	17, 19, 23, 24
Sperms	101, 102	Viviparous Animals	105
Stars	219, 222	Voice Box	115, 158
Static Friction	149	Voice Box	110, 100
Storage	11, 12	W	
Synthetic Fibres	32, 33, 35, 36	Water Pollution	245
		Weedicide	10
T	4	Weeds	10
Target Site	117	White Blood Cell (WBC)	92
Terylene	34	Wind Pipe	160
Testosterone	117	Winnowing	11
Thermoplastics	37	X	
Thermosetting Plastics	37	Y	
Threshing	1/1	Yeast	20
Thunder	189	Z	
Thunderstorm	189, 190		100
Thyroxine	119, 120	Zygote	102

256 Science