

# INDEX

---

## A

Acid Rain	73, 241
Acrylic	34
Adam's Apple	116
Adolescence	120
Adrenalin	120
Agricultural Practices	1, 2
Air Pollution	240, 241
Algae	17-19
Amplitude	164, 165
Angle of Incidence	200
Angle of Reflection	200
Animal Husbandry	12
Antibiotics	20,21
Antibodies	21
Artificial Satellites	232
Artificial silk	33
Asexual Reproduction	100, 106, 107
Asteroids	231
Atmospheric pressure	140, 141
Atom	52
Audible	166

## B

Bacteria	17-21
Balanced Diet	121
Ball Bearing	153
Binary Fission	108
Biodiversity	78, 79
Biosphere Reserve	79-81
Blind spot	206
Braille	209, 210
Budding	107

## C

Calorific Value	72
Carrier	23
Cassiopeia	224
Celestial Objects	215, 216
Cell	90-96, 173
Cell Membrane	93, 94
Cell Wall	94
Chemical Contamination	247
Chloroplast	96
Chromosome	95
Coal	44, 45, 57, 59-61
Coal Gas	58
Coal Tar	58
Coke	58
Combustion	64, 65
Comets	231
Communicable Diseases	23
Conductor	45, 175, 176
Cones	206
Constellations	221-224
Contact Force	134, 135
Cornea	206
Crop	1-3, 10
Crust	192
Cytoplasm	94

## D

Deforestation	74, 77, 78, 84
Desertification	78
Diffused/Irregular reflection	202
Discharge	188, 189
Dispersion	205

Displacement Reaction	50, 51	<b>G</b>	
Drag	153	Gene	95
Ductility	45	Global Warming	61, 73, 243
<b>E</b>		Good Conductor	45, 172, 173, 175, 176, 187
Eardrum	163, 164	Granaries	12
Earthquake	190-195	Gravitational Force	137
Earth's Plates	192, 193	Gravity	137
Ecosystem	83	Green House Effect	242
Eggs	90, 91, 102-106, 108, 116-118	<b>H</b>	
Electrode	176-178	Hardness	44
Electroplating	178, 179	Harvesting	10, 11
Electrostatic Force	136	Hertz (Hz)	164, 166
Elements	52	Hormones	117, 119, 120
Embryo	104	<b>I</b>	
Endangered Species	83	Ideal Fuel	72
Endemic Species	81	Ignition Temperature	67
Endocrine Glands	117	Incident Rays	199-201
Estrogen	117	Inflammable Substances	68
Eukaryotes	95	Insulin	120
Explosion	70	Interlocking	151
External Fertilisation	103	Internal Fertilisation	102
Extinct	83	Iris	206
<b>F</b>		Irrigation	7-9
Fauna	80, 81	<b>K</b>	
Fermentation	20	Kaleidoscope	204, 205
Fertilisation	102	Kharif	2
Fertiliser	5-7	<b>L</b>	
Fire Extinguisher	69	Lactobacillus	19
Flame	64, 65, 70-72	Larynx	160
Flora	80-82	Lateral Inversion	202
Fluid Friction	153	Laws of Reflection	199-201
Foetus	105	LED	174
Force	127-138, 141	Light Year	220
Fossil Fuel	57, 61	Lightning	184, 188, 189
Friction	146-153	Lightning Conductor	190
Fuel	64, 68, 69, 72, 73	Loudness	165
Fuel Efficiency	72	Lubricants	151, 152
Fungi	11, 17-19		

## M

Magnetic Force	135
Malleability	45
Manure	5
Metalloids	52
Metals	44-46, 48-52
Metamorphosis	106
Meteorites	232
Meteors	232
Microorganism	17, 19-26
Migratory Birds	84
Multicellular	91
Muscular Force	134, 135

## N

National Park	82, 83
Natural Gas	56, 57, 59-61
Negative Charge	187, 188
Nitrogen Cycle	27
Nitrogen Fixation	26
Noise	166, 167
Non-Contact Force	136
Non-Metals	44, 46-52
Nuclear Membrane	95
Nucleolus	95
Nucleus	94, 96
Nylon	33, 34

## O

Orbit	217, 226
Organ	92, 93
Organelles	95
Orion	224
Oscillation	164
Oviparous Animals	105

## P

Pasteurisation	26
Pathogen	23

Petroleum	56-61
Petroleum Refinery	60
Phases of Moon	216-218
Pitch	165, 166
Pituitary Gland	117
Planets	225-228, 230
Plasma membrane	93
Plastic	36-39
Plastid	96
Plough	3
Pole Star	221
Pollutants	240, 241, 243, 245
Polyester	34, 35
Polymer	33, 36
Polythene	34, 36
Poor Conductor	172, 175
Positive Charge	188
Potable Water	248
Preservation	25
Pressure	137-142
Prokaryotes	95
Protozoa	17
Pseudopodia	92
Puberty	113, 116, 117, 118
Pull	127-132
Pupil	206
Push	127-138

## R

Rabi	2
Rayon	33
Red Data Book	84
Reflected Rays	199-201
Reflection	199-202
Reforestation	85
Regular Reflection	202
Remote Sensing	233
Reproductive Health	120
Retina	206
Rhizobium	26
Richter Scale	193, 194
Rolling Friction	152

<b>S</b>			
Sanctuary	78, 79, 82	Time Period	164
Secondary Sexual Characters	116	Tissue	92, 93
Seeds	4-6	Transfer of Charge	187
Seismograph	194	Tremor	193, 194
Sex Chromosomes	118	Tsunami	192
Sexual Reproduction	100	<b>U</b>	
Shooting Stars	232	Unicellular	91
Shrillness	165	Ursa Major	222-223
Silo	12	<b>V</b>	
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, 160
Static Friction	149	<b>W</b>	
Storage	11, 12	Water Pollution	245
Synthetic Fibres	32, 33, 35, 36	Weedicide	10
<b>T</b>		Weeds	10
Target Site	117	White Blood Cell (WBC)	92
Terylene	34	Wind Pipe	160
Testosterone	117	Winnowing	11
Thermoplastics	37	<b>Y</b>	
Thermosetting Plastics	37	Yeast	20
Threshing	11	<b>Z</b>	
Thunder	189	Zygote	102
Thunderstorm	189, 190		
Thyroxine	119, 120		