

Content

Chapter 1	Perspective of Physical Anthropology.....	1-14
	Perspective of Physical Anthropology.....	2
	Relation with other Sub-fields of Anthropology	4
	<i>Cultural Anthropology</i>	4
	<i>Linguistic Anthropology</i>	5
	<i>Archaeological Anthropology</i>	5
	<i>Physical Anthropology</i>	6
	Nature and Scope of Physical Anthropology.....	9
Chapter 2	Concept and Emergences of Evolutionary Theory	15-48
	Concept and Emergences of Evolutionary Theory.....	16
	Pre Darwinian Theorists.....	16
	<i>Linnaeus</i>	17
	<i>Cuvier</i>	17
	<i>Lyell</i>	18
	Charles Darwin	19
	<i>The Voyage of the Beagle</i>	19
	<i>South America</i>	20
	<i>The Galapagos</i>	21
	<i>Darwin and Alfred Russel Wallace</i>	23
	<i>Evolution and Genetics</i>	24
	<i>The Evolutionary Forces</i>	25
	Evidences of Organic Evolution.....	27
	Man among the Animals.....	31
	The Classification System (Biological).....	36
	<i>The Primate Order" Man's Place in Animal Kingdom"</i>	37
	<i>Position of Man in Animal Kingdom or Taxonomy of</i> <i>Man</i>	38
	Social Behaviour of Primates.....	39
	Comparison between Human and Non- human Primate with Special Reference to Erect Posture and Bipedalism.....	42
	Primate and Its Characters.....	44
	<i>Characters</i>	44

Chapter 3	Emergence of Man-fossil Evidence	49-62
	Modern Apes and Man.....	50
	<i>Gibbon</i>	50
	<i>Orangutan</i>	51
	<i>Chimpanzee</i>	52
	<i>Gorilla</i>	52
	<i>Difference between the Mountain Gorilla and the Lowland Gorilla</i>	53
	<i>Modern Man</i>	53
	Apes and Man	55
	<i>A Comparative Analysis</i>	55
	<i>Anatomical Similarities and Dissimilarities in Man and Apes</i>	59
	Intelligence and Social Life of Apes.....	60
Chapter 4	Story of Man's Evolution	63-68
	Origin of Man	64
	Cradle Land of Mankind.....	67
Chapter 5	Skeletal Parts of Man	69-84
	An Elementary Study of the Human Skeleton.....	70
	<i>Bones of the Skull</i>	70
	<i>Different Views of the Skull</i>	72
	<i>The Teeth</i>	75
	<i>The Ribs</i>	77
	<i>The Sternum</i>	77
	The Influence of Erect Posture on the Skeleton of Man.....	79
	<i>The Skull</i>	79
	<i>The Vertebral Column</i>	80
	<i>The Thorax</i>	80
	<i>The Pelvis</i>	80
	<i>The Limbs</i>	81
	Sex Differences in Human Skeleton.....	82
	<i>The Skull</i>	82
	<i>The Thorax</i>	83
	<i>The Pelvis</i>	83
	<i>The Sacrum</i>	84

Chapter 6	Fossil Monkeys and Apes	85-142
	Introduction.....	86
	Stratified Rocks and the Fossils.....	86
	<i>Lemuroid</i>	87
	<i>Tarsioids</i>	87
	<i>Parapithecus</i>	88
	<i>Propliopithecus</i>	88
	<i>Pliopithecus</i>	89
	<i>Lemnopithecus</i>	89
	<i>Proconsul</i>	89
	Dryopithecus.....	89
	Fossil Monkeys from the Siwalik Hills Region.....	90
	<i>Australopithecinae</i>	91
	<i>Plesianthropus Transvalensis</i>	94
	<i>Paranthropus Robustus</i>	94
	Homo Habilis.....	96
	General Physical Characteristics	96
	Conclusion.....	97
	<i>Fossil Prehominians and Hominians</i>	98
	<i>Prehominians from Java and China</i>	98
	Java Man.....	98
	<i>Pithecanthropus Erectus</i>	98
	Skull Cap	100
	Brain	101
	Teeth.....	101
	Femur	101
	Discussion.....	102
	Peking Man	102
	<i>Sinanthropus Pekingensis</i>	102
	<i>Pithecanthropus and Sinanthropus – Comparative Study</i>	105
	<i>Comparative Characters of Pithecanthropus and Sinanthropus</i>	106
	Rhodesian Man	108
	<i>Homo Rodesiansis</i>	108
	<i>Man of the Middle Palaeolithic Period</i>	110
	<i>Climate and Culture of the Period</i>	110
	Neanderthal Man.....	111

<i>Homo Neanderthalensis</i>	111
<i>Neanderthal Man and Modern Man a Comparative Analysis</i>	116
<i>Progressive Neanderthals</i>	117
<i>Conservative and Progressive Neanderthals</i>	119
Earliest Types of Homo Sapiens.....	120
<i>Galley Hill Man</i>	120
<i>Swanscombe Man</i>	121
<i>London Skull</i>	121
<i>Fontchevade Man</i>	122
Reindeer Age and the Neolithic Men	122
<i>Climate and Culture of the Period</i>	123
<i>Grimaldi Man</i>	124
<i>Cro-Magnon Man</i>	126
<i>Other Remains of Cro-Magnon Man</i>	128
<i>Chancelade Man</i>	129
Men of the Mesolithic Period	131
<i>Introduction</i>	131
<i>Mugem Man</i>	132
<i>Teviec Man</i>	132
<i>Ofnet Man</i>	133
Pitldown Hoax	133
Ramapithecus and Siwalik Hills.....	136
Importance of Ramapithecus	136
Areas where these Fossil Remains have been Found.....	137
Fossil Finding of Ramapithecus in Nepal	138
Fossil Findings in Siwaliks.....	139
Siwaliks and the Himalayas	139
Previous Studies of Nepalese Siwaliks	140
Present Study	141

Chapter 7	Physical Anthropology in the Service of Human Society	143-156
	Applied Physical Anthropology.....	144
	Physical Anthropology and Industry	144
	Physical Anthropology and Sports.....	145
	Forensic Anthropology	148

	Medico-Legal Aspects	150
	Eugenics	151
	Genetic Counselling	152
	Genetic Screening.....	153
	Ethical and Legal considerations	155
Chapter 8	Pre-history and Pre-historic Cultures.....	157-162
	Pre-history: Definition, Nature and Scope.....	158
	Definition of Pre-history.....	158
	Aims of Pre-historian	159
	Past Life Ways	159
	Cultural Process.....	160
	Scope or Range of Pre-history.....	160
	Relation between Pre-history and Anthropology.....	160
	Pre-history and History.....	161
	Pre-history and Paleoanthropology.....	161
	Economic Basis of Pre-history.....	161
Chapter 9	Pre-historic Archaeology and Archaeological Anthropology	163-170
	Pre-historic Archaeology.....	164
	Meaning.....	164
	Definition of Archaeology.....	165
	Aim of the Prehistorian.....	166
	Prehistoric Archaeology and Dating Methods	167
	<i>Methods of Relative Dating (Indirect Method)</i>	168
	<i>Background of Carbon C14 Method or Radio Carbon Dating Methods of Chronometric Dating (Absolute or Direct Method)</i>	168
	Key Words.....	170
Chapter 10	Importance of Pleistocene Epoch.....	171-188
	Importance of Pleistocene Epoch	172
	Three Ages	173
	Concept of Culture.....	175
	<i>Culture Ecology</i>	179

	<i>New Archaeology</i>	179
	<i>Social Evolution</i>	180
	Archaeologists' way to Culture.....	181
	Typological Concept.....	183
	Inventions of Prehistoric Societies.....	185
	Various Inventions of the Primitive Society.....	186
Chapter 11	Archaeology, Pre-history and Archaeological Anthropology	189-200
	Archaeology, Pre-history and Archaeological Anthropology.....	190
	Beginning of Prehistoric Explorations in Nepal.....	191
	Pre-history in Nepal	192
	Pre-historic Findings in Nepal by Foreign Scholars	193
	Archaeological Activities in Nepal.....	194
	<i>Cave Excavation in Mustang</i>	195
	<i>MEBRAK (450 – 100 A.D) C14 Dating</i>	195
	<i>Fudling</i>	196
	<i>Conclusion</i>	196
	The Scope of Archaeology Department (Nepal Govt.)	196
	Excavations.....	197
	Explorations.....	197
	Recent Archaeological Findings and Excavations	198
	<i>Excavations at Handigaon, Dhumvarahi, Deopatan and Lalitpur Bhandarkhal and their importance</i>	199
	Conservation of Monuments.....	200
Chapter 12	Cenozoic Era and Geological Time Table	201-208
	Cenozoic Era and Geological Time Table.....	202
	Pleistocene Epoch (10 Lacs of Years).....	203
	<i>The Great Ice-Age</i>	203
	<i>Four Ice-Ages</i>	203
	<i>Causes of Glaciations</i>	204
	<i>Nature of Climatic Changes that Characterized the Pleistocene Epoch</i>	205
	<i>Changing Environments and human adaptability and its effects of Climatic Change: Appearance of Man</i>	206
	<i>Evidences of Glaciations</i>	207

Chapter 13	Salient Feature of Palaeolithic, Mesolithic, Neolithic and Chalcolithic Culture of EAI	209-242
	Salient Features of Paleolithic, Mesolithic and Neolithic Culture of Europe, India and Africa.....	210
	Paleolithic Culture.....	212
	<i>Europe</i>	213
	<i>East Africa</i>	215
	<i>India</i>	215
	Middle Paleolithic Culture.....	216
	<i>Europe</i>	217
	<i>East Africa</i>	218
	<i>India</i>	218
	Upper Paleolithic.....	220
	<i>Europe</i>	222
	<i>East Africa</i>	222
	<i>India</i>	223
	Paleolithic Art.....	224
	Mesolithic Culture.....	226
	<i>Europe</i>	227
	<i>East Africa</i>	228
	<i>India</i>	228
	Neolithic Culture.....	230
	<i>Europe</i>	232
	<i>Africa</i>	233
	<i>India</i>	234
	Chalcolithic Culture	235
	<i>Europe</i>	236
	<i>Africa</i>	237
	<i>India</i>	238
	Ethno- Archaeology.....	240
	Bibliography.....	243-244