

GE(N)-121

CARTOGRAPHY

BLOCK 1: MAP-A SPECIAL GRAPHIC COMMUNICATOR

UNIT 1: History and Definition of Maps

UNIT 2: Classification of maps

UNIT 3: Scale and types of scale

BLOCK 2: MAP PROJECTIONS

UNIT 4: Meaning, Definition, Shape, Distance, Area and Direction properties

UNIT 5: Classification of Projection

UNIT 6: Selection of a Projection

BLOCK 3: MAP COMPILATION AND DESIGN

UNIT 7: Base map concepts, scanning and digitization- Planimetric, Topographic and Thematic

UNIT 8: Information- Sample and census surveys attribute data tables, elements of map, map layout principals

UNIT 9: Map design fundamentals, symbols and conventional signs, graded and ungraded symbols, color theory, colors and patterns in symbolization, map lettering