UNIT- 5: INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)

UNIT STRUCTURE

5.1 Learning Objectives

5.2 Introduction

5.3 Basic Concepts of GIS

5.4 Components of GIS

5.5 Advantages of GIS

5.6 Social and Institutional Context of GIS

5.7 Contemporary Development of GIS

5.8 Let us Sum up

5.9 Further Readings

5.10 Answers to Check Your Progress

5.11 Model Questions

5.1 LEARNING OBJECTIVES

After going through this unit, you will be able to-

- explain the Geographic Information Systems (GIS)
- identify the components of GIS
- list out the advantages of GIS
- describe the social and institutional context of GIS
- discuss the contemporary development of GIS

5.2 INTRODUCTION

In the previous unit, you have learnt about basics of Geodesy and spatial referencing systems. In this unit, we are going to provide you an introductory knowledge of Geographic Information System. Geographic