

بسم الله الرحمن الرحيم

Sudan University of Science and Technology
College of Graduate Studies



Distribution and Planning of Educational Services
using Geographic Information System in Umm
Rawaba Locality – Case Study Schools of Umm
Rawaba City

التوزيع والتخطيط للخدمات التعليمية باستخدام نظم المعلومات الجغرافية
في محلية ام روابة – دراسة حالة مدارس مدينة ام روابة

*A thesis submitted for partial fulfillment for the requirements of M.Sc
Degree in Computer science*

By: Sami Babiker Ali Babiker

Under supervision of: Saif Eldin Fattoh
Associated professor – Emirat college

August 2015