# Submission Document

## Practical 1 – Introduction to Geographic Data and Analysis

Student ID:

Student Name:

Lab Attending (Please mark): **A** - submission due **Tuesday, 17 March 23:59**

**B** - submission due **Thursday, 19 March 23:59**

**C** - submission due **Thursday, 26 March 23:59**

**Please use the pages that follow to provide your answers. When you are finished, convert this document to PDF, and submit online at Canvas.**

**Question 1:** Why are some geographic data sets made up of small squares (picture elements or “pixels”), whilst others are formed from points, lines and polygons?

**Question 2:** List the attributes for the States layer and describe what sort of information you think is stored in each field

## Question 3: Can you think of 2 reasons why we might want the list of layers to be drawn to be dependent on the scale of the display? Explain.

## Question 4: What are the benefits of linking attribute data to spatial data (graphical data)?

## Question 5: Open the attribute table for each layer and note down the number of selected features for the streams, rivers and lakes layers.

## Question 6: Describe a possible “next” step if we wanted to determine the area of each species of forest “preserved” by this stream buffer.