Section: Introduction to QGIS
Answers to section modules.

Module Name QGIS Overview

Question: -

Module Name QGIS User Interface Tour

Question: QGIS Desktop requires access to a license server once installed
Answer: *False*

Question: QGIS Desktop user interface customizations are
Answer: *Stored automatically within the current user profile settings*

Module Name Adding vector data

Question: Which of the following file extensions would you choose to add a shapefile into QGIS
Answer: *shp*

Question: Can QGIS open KML files generated in Google Earth
Answer: *Yes, QGIS opens KML files natively*

Module Name Adding raster data

Question: Which statement best describes and image taken with a phone camera
Answer: *Raster data that may be geotagged with location and bearing*

Question: What is one distinct advantage of adding raster layers using the browser panel
Answer: *It automatically filters the available files to show only items with a suitable extension for loading into QGIS*

Question: Can raster layers be stored in a database
Answer: *Yes, this will enhance analysis as vector and raster operations can be easily combined*

Module Name Navigating map data

Question: You added layers to QGIS but you can't see all of them. Why
<u>Answer</u>: *Your view extent does not coincide with the layer extent*
<u>Answer</u>: *Your layer ordering has resulted in some layers obscuring other layers*

Question: If you zoom in close to the exercise vector data it doesn't look good nor correct. Why is this
<u>Answer</u>: *It is simplifed*

Question: I click on the map with the identify tool but either no attributes or the wrong attributes come up. Why
<u>Answer</u>: *The layer I want to query is not active*

Module Name Sourcing Spatial Data

Question: Which of the following statement is true ?
<u>Answer</u>: *Any user can contribute their data to Openstreet map.*

Question: Which statement is true regarding open source data
<u>Answer</u>: *There are no cost associated with downloading the data.*

Question: When using Open source data users should abide by the licensing rules.
<u>Answer</u>: *True*

Module Name Working with CSV

Question: Is it possible to load a CSV that does not contain geometry information to QGIS i.e no longitude or latitude columns
<u>Answer</u>: *Yes*

Question: What is the easiest way to load an excel spreadsheet with geographic information to QGIS.
<u>Answer</u>: *Save the spreadsheet as a CSV and them load it into QGIS*

Module Name Working with Spreadsheets

Question: Is it possible to save attribute tables into a spreadsheet from QGIS
<u>Answer</u>: *It is possible within QGIS*

Question: What does latitude/longitude represent in the real world
<u>Answer</u>: *These are the geographic co ordinates of any particular place on the earth surface*

Module Name Attribute data basics

Question: When you open a layer's attribute table in QGIS, where is the geometry column
[Answer](): *It is shown on the map*

Module Name Adding and removing columns

Question: After removing a column and saving your edits, you can press undo to get it back again
[Answer](): *False*

Question: Indicate which statements are correct

Question: Is it possible to organize the order for the columns you have created
[Answer](): *Yes, there is a native tool in attribute table that controls ordering columns*

Question: In the attribute table you can create columns using the New Field tool or Field calculator. What are the key differences betwen the two methods
[Answer](): *Field calculator is used when you need to create a non empty column.*

Module Name Query and Filter Attributes

Question: True or false: Applying a filter in the attribute table will result in only those features being shown on the canvas

Question: What is the purpose of filtering the attribute table - choose all that apply

Question: Why would you choose filter using form rather than the normal filtering
[Answer](): *Form based filter allows you to combine multiple filters on a combination of columns*