

**Module 2**

1. GIS data that are descriptive and not location-based are:

- a. Geospatial
- b. Coordinate
- c. Fixed
- d. Non-Spatial

ANSWER:

d

2. In ArcGIS Pro, the spatial and non-spatial information about a layer is stored in its:

- a. Attribute table
- b. Spatial field
- c. Excel file
- d. Parcel database

ANSWER:

a

3. The rows of an attribute table represent:

- a. Fields
- b. Records
- c. Layers
- d. Attributes

ANSWER:

b

4. The columns of an attribute table represent:

- a. Objects
- b. Points
- c. Records
- d. Fields

ANSWER:

d

5. A map of the locations of car race winners displayed by their placement ranking is an example of which kind of data?

- a. Nominal
- b. Ordinal
- c. Interval
- d. Ratio

ANSWER:

b

6. A map of the locations of California four-year universities displayed by the average tuition costs is an example of which kind of data?

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- a. Nominal
- b. Ordinal
- c. Interval
- d. Ratio

ANSWER: d

7. Celsius temperature is an example of which kind of data?

- a. Nominal
- b. Ordinal
- c. Interval
- d. Ratio

ANSWER: c

8. Your phone number is an example of which kind of data?

- a. Nominal
- b. Ordinal
- c. Interval
- d. Ratio

ANSWER: a

9. A map of the locations of the Great Lakes labeled with the name of each lake is showing which kind of data?

- a. Nominal
- b. Ordinal
- c. Interval
- d. Ratio

ANSWER: a

10. In terms of joining tables, what does a key represent?

- a. The table that the data is being joined from
- b. The single record being used to join the tables
- c. The field that the two tables have in common
- d. The internal relation in the database between the two tables

ANSWER: c

11. When a single record is linked to another single record in a join, what kind of join has occurred?

- a. Many-to-one join
- b. One-to-many join

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- c. One-to-all join
- d. One-to-one join

ANSWER:

d

12. The total number of relational operators used in a simple query is:

- a. Zero
- b. One
- c. Two
- d. Three

ANSWER:

b

13. A connector such as =, >, or <= used in an SQL query in ArcGIS Pro is referred to as a:

- a. Conditional Operator
- b. Fixed Operator
- c. Relational Operator
- d. Connecting Operator

ANSWER:

c

14. In ArcGIS Pro, the process of choosing records from an attribute table and holding them aside to work with separately is called:

- a. Selection
- b. Relational Operators
- c. Attachment
- d. Geotag

ANSWER:

a

15. What is the result of using AND in a compound query of two statements?

- a. The results of the query will be the records that meet both query statements.
- b. The results of the query will be the records that meet either one of the query statements.
- c. The results of the query will be the records that meet either one of the query statements but not the records that meet both statements.
- d. The results of the query will be the records that do not meet either one of the query statements.

ANSWER:

a

16. What is the result of using OR in a compound query of two statements?

- a. The results of the query will be the records that meet both query statements.
- b. The results of the query will be the records that meet either one of the query statements.
- c. The results of the query will be the records that meet either one of the query statements but not the

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records that meet both statements.

- d. The results of the query will be the records that do not meet either one of the query statements.

*ANSWER:* b

17. A geotag in ArcGIS Pro describes which of the following?

- a. A file that can be downloaded from the Internet into ArcGIS Pro
- b. A file that is joined to Census attribute data
- c. A process whereby non-spatial media are linked to geospatial features
- d. A process that is used to insert a photo into a geodatabase

*ANSWER:* c

18. How are U.S. Census Bureau data used in GIS?

- a. TIGER/Line files come pre-loaded with all available attribute data.
- b. Attribute data are acquired separately from Cartographic Boundary Files and then must be joined to those files.
- c. Three different files must be linked together—TIGER/Line, Cartographic Boundary, and American Community Survey datasets
- d. All GIS data (geospatial and attribute) are available from the U.S. Census Bureau's ACS Data Portal

*ANSWER:* b