**Chapter 15**

**What’s Next for Geospatial Technology?**

1. The National Geographic Society’s GIS Day is the Wednesday of Geography Awareness Week in:

a. January.

b. April.

c. August.

d. November.

2. Earth Observation Day is devoted to research and education in:

a. 3D graphics.

b. GIS.
c. remote sensing.

d. Esri technology products.

3. The “one-stop shopping” source for well-organized, free geospatial data is:

a. Esri.

b. America View.

c. the National Map.

d. SATELLITES.

4. Cloud technology makes files and applications stored at one location available to users around the globe via the Internet.

a. True

b. False

5. Which organization has created ArcGIS for Server to help everyday users create and embed their own maps on their own Web sites?

a. USGS

b. Esri

c. NASA

d. OhioView

6. The combination of two or more map layers into one new application is called a(n):

a. mashup.

b. combinatoric.

c. GEO layer.

d. extrusion.

7. Cloud computing refers to a situation in which users must download a series of programs or utilities before being able to access relevant data or applications.

a. True

b. False

8. Which of the following organizations is most closely aligned with the study of remote sensing?

a. NCGE

b. ASPRS

c. AAG

d. OGC

9. Currently, all 50 U.S. states offer a StateView program similar to OhioView.

a. True

b. False

10. Which of the following organizations is most closely involved with geographic education, especially at the K–12 level?

a. NCGE

b. AAG

c. SOS

d. SATELLITES

11. Most college-level courses in geospatial technology are offered at the graduate level.

a. True

b. False

12. Change in the geospatial world has been slow in recent years.

a. True

b. False

13. Which of the following is used to create web mapping applications?

a. GLOBE

b. API

c. ASPRS

d. OhioView

14. The largest national organization for geographers in all fields is:

a. NCGE

b. ASPRS

c. AAG

d. OGC

15. A basemap is a pre-made image layer that serves as a backdrop over which you can lay other geospatial data.

a. True

b. False

16. The cloud is really the opposite of the Internet.

a. True

b. False

17. The week-long “teachers’ institutes” where K-12 teachers learn about using geospatial technologies in the classroom, is part of which OhioView initiative?

a. AAG

b. Story Maps

c. SATELLITES

d. GIS Day

18. The GLOBE initiative uses students from over 20,000 schools in 114 countries to collect and share environmental data.

a. True

b. False

19. Which of the following state/local agencies are likely to utilize GIS, GPS, or remotely sensed data?

a. City planners’ offices

b. County auditors’ offices

c. County engineers’ offices

d. All of the above

20. Which of the following companies/agencies is not considered a “power player” in the geospatial world?

a. USPS

b. Esri

c. USGS

d. Google

21. ArcGIS Online allows users to make web maps, but requires the purchase of ArcGIS for Desktop.

a. True

b. False

22. Web maps are interactive online representations of geospatial data. What is required to access a Web map?

a. a GPS signal

b. a Web browser

c. basic GIS skills

d. ArcGIS for Server

23. Google’s Gmail and Esri’s ArcGIS Online are both examples of a(n):

a. Non-Profit Organization

b. Story Map service

c. Application Programming Interface (API)

d. Software as a Service (SaaS)

24. What does OGC stand for?

a. Open Geospatial Consortium

b. Office of Government Commerce

c. Object-based GeoComputation

d. OhioView Geographic Competencies

25. GIS Day and Earth Observation Day are always in the same week.

a. True

b. False