

Chapter 1 Test Bank Questions

1. Which of the following software programs has the greatest functionality?
 - a. ArcGIS Standard
 - b. ArcGIS Unlimited
 - c. ArcGIS Advanced**
 - d. ArcGIS Extended

2. What type of data is location-based?
 - a. Geospatial**
 - b. World-centric
 - c. Geo-coordinate
 - d. Non-spatial

3. The GCS uses which of the following systems to determine a location?
 - a. Latitude and Longitude**
 - b. Easting and Northing
 - c. False Easting and False Northing
 - d. Meridian, Baseline, and Zone

4. UTM uses which of the following units of measurement?
 - a. Degrees, Minutes, and Seconds
 - b. Miles
 - c. Meters**
 - d. Feet

5. In ArcGIS's Catalog, which of the following operations is used when accessing another drive (such as files on a server or files on a USB drive)?
 - a. ArcToolbox
 - b. Table of Contents
 - c. Folder Connections**
 - d. Branching

6. When modeling the world in GIS, when all features are treated as objects with definite locations and boundaries, what is being described?
 - a. Continuous View of the world
 - b. Discrete View of the world**
 - c. Ellipsoid View of the world
 - d. Geographic View of the world

7. The datum used by the Global Positioning System is:
 - a. NAD27
 - b. NAD83
 - c. WGS84**
 - d. GCS95

8. A translation of places on the earth's surface to corresponding places on a flat surface describes:

- a. Datums
- b. GCS
- c. Map Projections**
- d. Coordinate Systems

9. Which of the following ArcGIS tools is used to assign projection information to a file that has lost that information?

- a. Project
- b. Define Projection**
- c. Assign
- d. Georeference

10. Which of these is not an example of VGI?

- a. Updating a closed road on OpenStreetMap
- b. Adding a geotagged photo to Google Earth
- c. Downloading GIS layers from the Internet**
- d. Contributing to a crowdsourced mapping database

11. Lines represent a:

- a. 0-dimensional object
- b. 1-dimensional object**
- c. 1.5-dimensional object
- d. 2-dimensional object

12. Points represent a:

- a. 0-dimensional object**
- b. 1-dimensional object
- c. 1.5-dimensional object
- d. 2-dimensional object

13. Polygons represent a:

- a. 0-dimensional object
- b. 1-dimensional object
- c. 1.5-dimensional object
- d. 2-dimensional object**

14. What happens when you save your map document in ArcGIS?

- a. All layers, tables, etc. are written to disk within the .mxd file.
- b. Only the layers used in this session are saved within the .mxd file
- c. The .mxd file contains information that describes where all layers, tables, etc. are stored.**
- d. The .mxd file contains all layers and data sources saved in a compressed file format.

15. The component of ArcMap that shows all layers being used in the map document is the:

- a. Frame
- b. Table of Contents**
- c. Standard Toolbar
- d. Map

16. ArcMap utilities such as zooming, panning, and selecting features are available on the:

- a. Standard Toolbar
- b. Data Frame Properties Toolbar
- c. Map Toolbar
- d. Tools Toolbar**

17. ArcMap utilities such as opening, saving, and printing maps are available on the:

- a. Standard Toolbar**
- b. Data Frame Properties Toolbar
- c. Map Toolbar
- d. Tools Toolbar

18. By default, the yellow icon in the Table of Contents named “Layers” represents which of the following ArcMap properties?

- a. Catalog
- b. Data Frame
- c. Map Document
- d. ArcToolbox

19. The Table of Contents option that lists whether layers are being seen or not being seen is:

- a. List by Source
- b. List by Drawing Order
- c. List by Visibility**
- d. List by Selection

20. A reference surface or a model of Earth that can be used to determine locations around the globe describes a:

- a. Datum**
- b. Map Projection
- c. Projected Coordinate System
- d. Baseline

21. A map package is:

- a. A single file that contains the map document, all data layers used in the map document, as well as their appearance**
- b. A collection of several map documents
- c. A geodatabase that contains all of the data layers being used in a single map document
- d. The location on the computer’s hard drive where the map document and all data layers used in the map document are stored