

## Final GIS

1. Rejecting new technology appeared in which stage of acceptance
  - a. 2
  - b. 4
  - c. 1**
  - d. 3
  
2. Images recording for the same area several times is within the realm of spatial resolution  
Select one:
  - a. True
  - b. False**
  
3. Third generation desktop GIS server offers complete GIS functionality in a multiuser server environment.  
Select one:
  - a. True**
  - b. False
  
4. The near IR is sensitive to vegetation biomass  
Select one:
  - a. True**
  - b. False
  
5. .... is considered a technical GIS part:
  - a. None of the answers
  - b. People
  - c. Software**
  - d. Procedures

6. Ultraspectral remote sensing images collect data in ..... format

- a. Hyperspectral
- b. Ultraspectral
- c. Digital
- d. Ultraviolet

7. .... deals with grayscale levels

- a. Spectral resolution
- b. Radiometric resolution
- c. Temporal resolution
- d. Spatial resolution

8. Re-coding summarizes entities into a .....

- a. Larger
- b. Equal
- c. None of the answers
- d. Smaller

not sure

9. Object data models deal with

- a. None of the answers
- b. Features with behavior
- c. Terrain analysis
- d. Surface

not sure

10. Raster-based and CAD-based GIS may not merge with general GIS

Select one:

- a. True
- b. False

not sure

11. Spatial realities refer to

- a. GIS
- b. Geomedia
- c. Information
- d. Geography

not sure

12. Aerial photographs are suitable for summary statistics

Select one:

- a. True
- b. False

13. Public domain software is free software with no copyright restrictions

Select one:

- a. True
- b. False

14. Radar is considered ~~passive~~ remote sensing

Select one:

- a. True
- b. False

15. Creating a new area around a rectangle is called

- a. Overlay
- b. Buffer
- c. Circles
- d. Lines

16. .... models can store spatial relationships.

- a. CAD
- b. Raster

not sure

- c. Image
- d. Vector**

17. UTM coordinates are expressed in .....

- a. Feet
- b. Meters**
- c. Latitude/longitude
- d. Miles

18. Combining several themes into a single one for permanent use is called

- a. Visual overlay
- b. Spatial relation
- c. Topology
- d. Data overlay**

19. Aerial photography is considered active remote sensing

Select one:

- a. True
- b. False**

20. Addresses are considered non-spatial data

Select one:

- a. True
- b. False**

21. Ripeness detection is performed using .....

- a. Satellite images
- b. Police camera
- c. Passive sensors**
- d. Active sensors



22. Developer GIS offers data publishing capabilities

Select one:

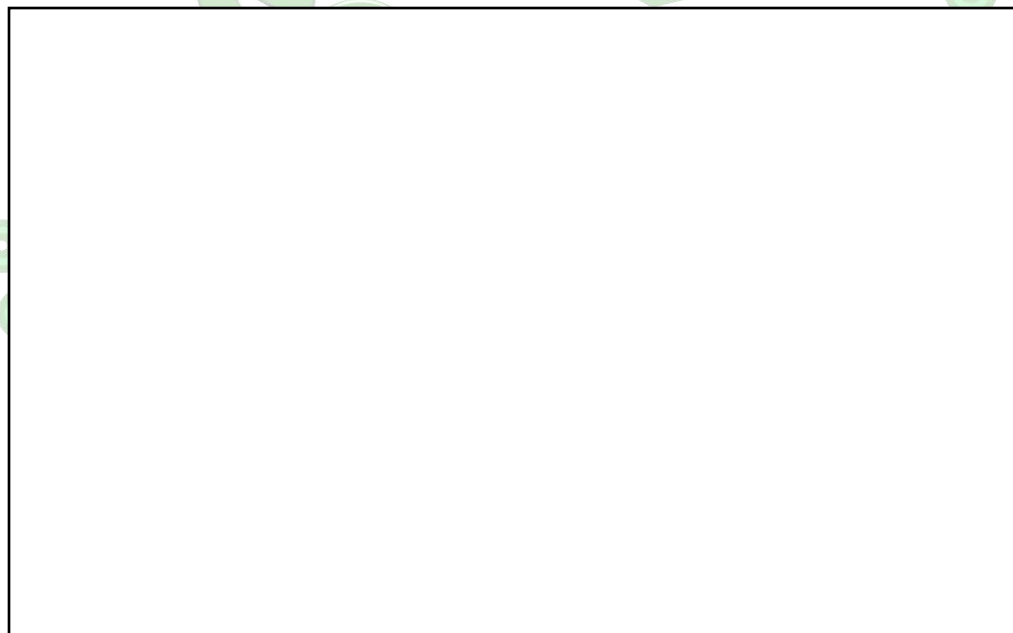
- a. True
- b. False

23. Convert the following coordinates from DMS format to decimal degrees, showing your answer.

A: (50 degrees 25 minutes west)

B: (23 degrees 45 minutes south)

C: compute the Euclidean distance between the points in (a) and (b)



24. Precision and accuracy are advantages of vector data

Select one:

- a. True
- b. False

25..... is considered a non-technical GIS part:

- a. Hardware
- b. Procedures
- c. Software
- d. None of the answers

26.TIN data models deal with

- a. All of the answers
- b. Terrain analyses
- c. Modeling
- d. Surface

27.Joining two attribute tables requires at least .....

- a. Two common fields
- b. Three common fields
- c. One common field
- d. No common fields

28.Accuracy applies only to attribute data whereas precision applies to both attribute and geographic data

Select one:

- a. True
- b. False

29.Simple reproduction of maps appeared in which stage of acceptance:

- a. Reluctance to adopt
- b. Innovation
- c. Full use
- d. Cautious acceptance

30. Representing 100 meters by 100 meters on the ground is the characteristic of .....

- a. Spectral resolution
- b. Temporal resolution
- c. Spatial resolution
- d. Radiometric resolution

31. Stereographic projection is a .....

- a. Conic
- b. Cylindrical
- c. Planar
- d. None of the answers

32. Radar used by police to measure the speed of traveling vehicles is a use of ~~passive~~ remote sensing

Select one:

- a. True
- b. False

33. .... Is usually refers to our changing ideas about technology .

- a. GPS
- b. Paradigm
- c. Internet
- d. Geography

34. Major emphasis in most GIS operations is on:

- a. Data
- b. Applications
- c. Software
- d. Maps

not sure

35. In general, field data are more expensive than image data

Select one:

☒ a. True

☐ b. False

not sure

36. Data transformations produce

☐ a. Contours

☒ b. New data sets

☐ c. Old data sets

☐ d. Nothing

37. Raster formats can always what exists at a given location

Select one:

☐ a. True

☒ b. False

not sure

38. .... handles remote sensing bands.

☐ a. Spatial resolution

☐ b. Temporal resolution

☒ c. Spectral resolution

☐ d. Radiometric resolution

39. A precise measurement may be inaccurate

Select one:

☒ a. True

☐ b. False

40. The ability to obtain measurements anytime is a characteristic of .....

☐ a. Passive sensors

☐ b. Satellite images



c. Active sensors

d. Police camera

41. In general, topology effects vector data

Select one:

a. True

b. False

42. Passive sensors emit radiation toward the target to be investigated

Select one:

a. True

b. false

active