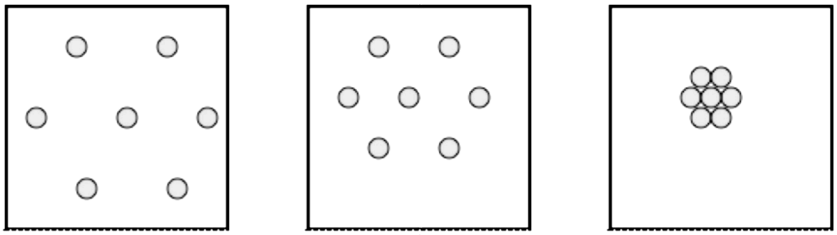
1. Given the following 3 images X, Y, and Z:

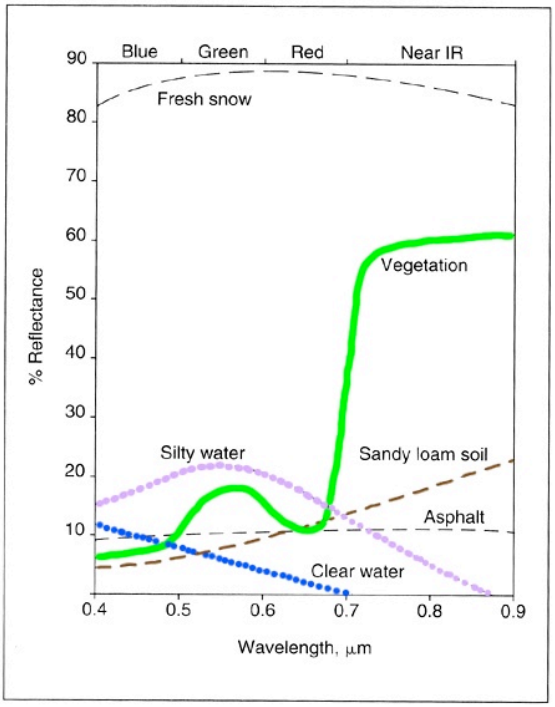


X Y Z

(1) Which of the following is correct?

a) Different patterns same dispersions
b) Different patterns same density
c) Same dispersion but different patterns
d) Different densities same patterns
e) Same density but different dispersions

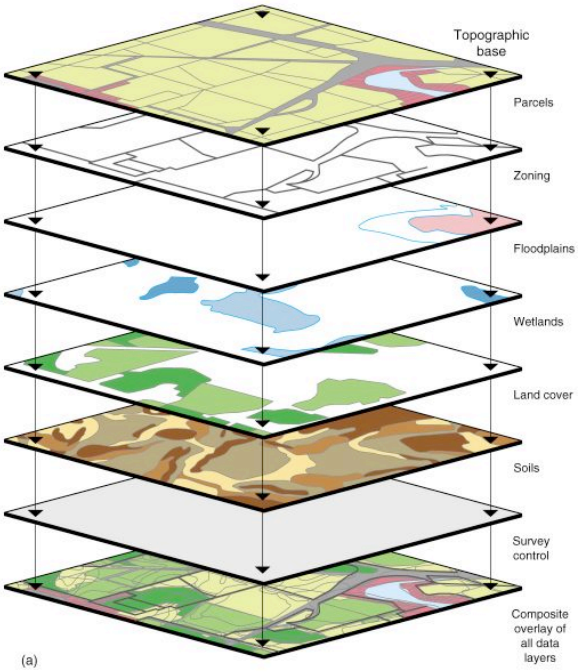
2. Using the following graph



(2) At what wavelength would a satellite sensor be best able to distinguish these six surfaces?

a) at 0.4 μm
b) at 0.5 μm
c) at 0.54 μm
d) at 0.62 μm
e) at 0.8 μm

3. Using the following image



(3) This image would

a) represent the way data from satellite is stored
b) represent the layering of data in a GIS
c) only be created in vector based database
d) only be created in an image based database
e) represent a pixel based database

4. Using the following images

Image A

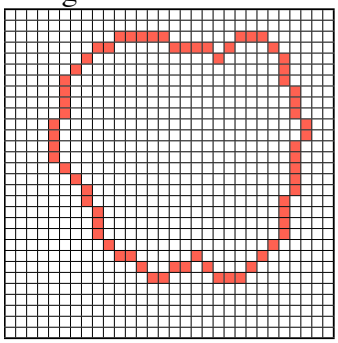
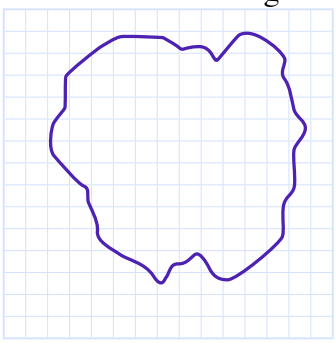
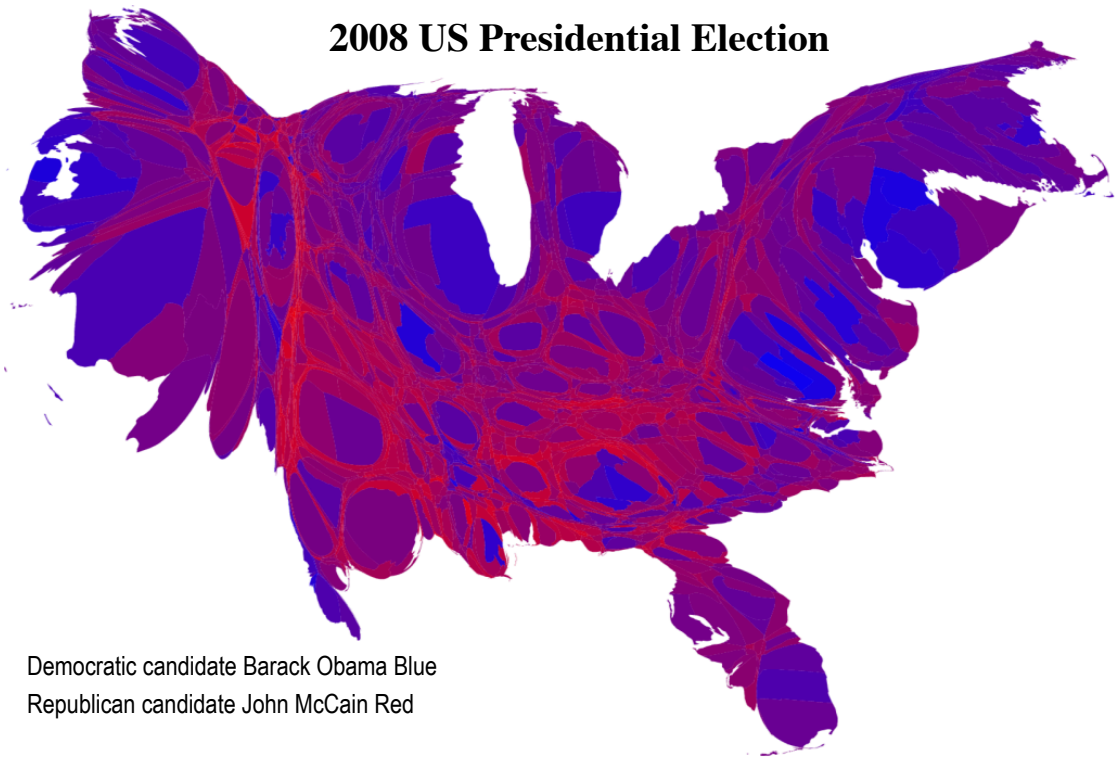


Image B



(4)
a) image A shows a vector based drawing
b) image B shows a raster based drawing
c) image A shows a raster based drawing
d) image A and B are both raster based drawings
e) image A and B show a GIS

5. Using the following images



(5) This map would best be described as

a) Mental Map
b) Quantitative Thematic Map
c) Statistical Map
d) a Cartogram
e) an Isoline Map

6. The following map is a Gnomonic projection

A straight line on this map would have which of the following properties:

a) be a rhumb line
b) be a great circle
c) be constant in direction
d) have constant scale anywhere on this map
e) have both the shortest distance and be a rhumb line

Answer Key

1 E
2 E
3 B
4 C
5 D
6 B