Skip one question (grads) two questions (undergraduates). Everyone must complete Question 26, the map. DO NOT SKIP 26.

. Fill out the answers in the blanks. Read the whole questions and answer the entire question. Please when you are asked to compare and contrast do not merely supply definitions. You have this class session to finish. Good luck.

Name_____

1. A straight line on a map of a Gnomic Projection represents a:
a. sinusoidal b. conformal c. loxodrome d. great circle

2. True or False. Diminishing returns refers to the quality and quantity of samples in surface mapping.

3. What is a surface representing?

4. Describe how a surface is generated in the computer.

5. When contours get closer together what does that represent?

6. Compare and contrast interpolation with extrapolation.

7. IDW what does it mean?

8. Offset printing involves pressing ink through a holes of a fabric True or false?

9. Errors in surface mapping can dramatically effect the outcome of the map. Please give 4 elements of error in surface mapping, explain how or why they contribute.

10. How does a dasymetric map differ from a choropleth?

11. Why would you use a dasymetric rather than a choropleth?

12. Speaking of pleths, describe the difference between an isoplethic and an isometric map.

13. If a Printer, the person not the device, wants you to approve 25M piece run, how many pieces would you expect to be printed?
    a. 25   b. 2500   c. 25,000 d. 25,000,000

14. How many pieces could you expect to be missing from that run and still have to pay the full price?

15. Color is created on your computer screen with __ __ __ color or additive color? A printer uses subtractive color generally __ __ __ __.

16. Name 3 other types of printing.

17. If I say "use a dye-sub for proofing" what am I saying?

18. What does spot color mean?

19. If I want to have a specific color reproduced how would I go about ensuring that my colors are exactly the color I want.

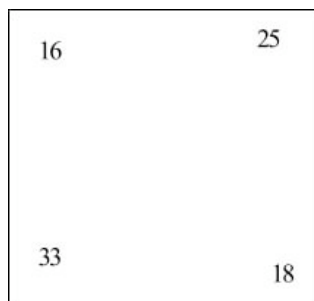20. What are 3 most important things about cartography?

21. How do we show grays with black and white offset printing? what is that process called?

22. What should you do with maps destine for video dissemination?

23. True or false ArcIMS is easy to set up and run?

24. Why would you choose IMS over static web maps?

25. Make contour lines.

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│ 33                      │
│              18         │
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26. What is wrong with the map below? Name all of the features that you would change that would make the map a better map. Have a good summer.