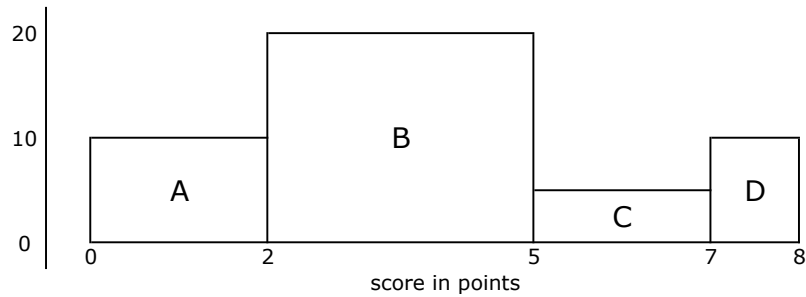


Your Name: \_\_\_\_\_

**Math 140: Statistics, February 12, 2008**  
**Quiz 2, Chapter 3**

1. (6 pts.) Use this histogram to answer the questions that follow:



- If the vertical axis is a density scale, in what unit is it measured? That is, how would you label it?
- What percent is in the block B?
- What percentage scored between 2 and 7 points?

*Continued on back*

2. (12 pts) At *Whatsamatta University*, an AP score of 1, 2, or 3 receives no credit, a score of 4 receives partial credit, and a score of 5 receives full credit. Here are the scores for 20 applicants:

1, 3, 5, 2, 3, 4, 4, 5, 4, 3, 3, 4, 5, 2, 5, 1, 3, 4, 4, 1

Create a histogram for this data using the three categories describe above. Be sure to carefully and fully label your histogram.

Pledged: \_\_\_\_\_