

D-Lab

Quiz 1

Due: 25 October 2004

This quiz is closed-book and closed note.

It is to be done individually, please don't discuss the quiz until after you have turned it in.

The quiz should be finished in one hour or less.

You should feel free to review the readings and presentations as much as you like prior to beginning the quiz. In particular, be sure to review the Time Magazine article Power to the People, Peter Hawthorne (week 1). Once you start, you should not refer to any outside material.

The quiz must be turned in at the beginning of class on Monday, October 25. No exceptions.

1. Choose one of the technologies described in the Time magazine article, "Power to the People" and discuss the appropriateness in terms of the perspectives of both marketing to the bottom of the pyramid (Allen Hammond) and design for affordability (Paul Polak).

2. What are the essential features of a microfinance system of the Grameen Bank? Give an example of a technology that you have learned about in class that would lend itself well as a microenterprise project. Explain why.

3. Discuss three design features of the Whirlwind wheelchair that make it an "appropriate technology".