

Place your name on the back of this sheet of paper and nowhere else. Staple your answers on the front of this sheet of paper. Failure to follow these directions will cost you 1 point. Your assignment will be typed, except graphs can be drawn by hand and mathematical equations can be done by hand. Failure to type it will cost you 10 points. If you use double-sided printing or print on the back of scrap paper, I will give you one additional point.

- 1) (10 points) What are some problems caused by a too inequitable distribution of income? Briefly explain your logic.
- 2) (10 points) What is the equation for the poverty gap? Why is it a better measure of how bad the poverty is than the number of people in absolute poverty?
- 3) (10 points) What are some of the problems with using \$1.25/day as a poverty line for all countries? Explain your logic.
- 4) (10 points) Suppose you ruled country which was poor. You were trying to encourage growth to help the poor. What type of capital or technology would you want the country to acquire? Explain your logic.
- 5) (10 points) In the demographic transition, explain why the death rate falls before the birth rate.
- 6) (15 points) What is meant by population momentum. Use that to explain why China's population continued to rise after the implementation of the one child law.
- 7) (10 points) What is meant by the dependency ratio? Why is it important when looking at the development of a country?
- 8) (15 points) Draw the population pyramid for a developing country. Explain why it looks like you drew it.
- 9) (10 points) If you were ruling a country with a population growth problem, how would you reduce the growth rate of population? Be as specific as you can be.