

ENG3004 Society and the Engineer
– Social and Cultural Dimension **Individual Worksheet**

Group Number: _____ Date: _____ Dimension: _____ Social _____

Your Full Name: _____

(A) China Urbanization

China's growth model has brought tremendous economic and social rewards over the past three decades but also has come at the enormous cost of _____ and _____.

China has introduced a comprehensive set of environmental laws and regulations, but these have not brought the expected improvements in _____.

Strengthening the incentives and accountability framework for environmental management requires addressing many interrelated challenges, including the following:

China's national level environmental management capacity is relatively small and should be increased, while many local environmental protection bureaus need more resources and _____ to enforce _____.

Incentives to implement _____ and complete complementary sector reforms have been weak. Changing the cadre evaluation system would encourage local leaders to pursue _____ more forcefully.

More channels are needed for _____, which in practically all industrial countries is a key element for catalyzing demand for better _____ and a higher quality of life.

There is a need to sharpen the mix of policy instruments. The most effective instrument to induce resource efficiency and lower pollution is _____.

(B) Eco city

Assume the Government is planning a self-contained new town on a newly acquired farm land. Suggest five ways to the Government how the new town be planned to become an Eco city.