*Quiz Chapter 7 Food and Agriculture*

1. **Why is today’s food system unsustainable?**

The modern food system is unsustainable, because society spends more energy to get food than it obtains from food.

1. **What is the ratio of calorie(s) of food energy to calorie(s) of energy discussed in chapter 7?**

The ration of calorie of food energy to calories of energy is 1/7.

1. **What external source supports with energy the food delivery system?**

Fossil fuels support our food system by supplying the energy for machines in agriculture, food transportation, food processing, food packaging, retail, food storage, and food preparation.

1. **Name three foods that release a substantial amount of CO2 and three that release a low amount of CO2. Specify for each example under which category it falls.**

High releasers of greenhouse gases are: beef, cheese, pork.

Food with smaller ecological footprint: legumes, carrots, potatoes.

1. **Define “food deserts”, and state the problem that arises with them.**

Food desert refers to places where fresh food in unavailable to people without access to transportation. Food deserts are causing malnourishment to those with lack of access to money.

1. **Name two countries (Figure 7.5: Percentages of population undernourished in all countries 2015. MAP) with a higher percentage than 5% of population undernourished.**

China, India, North Korea, Zambia, Zimbabwe. Tanzania, Mongolia, Afghanistan, Iraq, Venezuela, Colombia, Honduras etc.