**Chapt. 11 Name:**

**Mod 31 Reading Guide – Feeding the World (357)**

**Reading Outline**

A farm where animals do most of the work (357-358)

1. Explain why Salatin calls himself a “grass farmer” and how his farm works.

Module 31: Human Nutritional Needs (359-362)

1. How did humans survive before modern agriculture began 10,000 year ago?  How well did they survive?
2. What foods make up the largest component of the human diet?  How much grain, meat and fish do we produce per person?  Who eats meat?
3. Briefly describe the main reasons for undernutrition and malnutrition.

**Math/Graph Practice:**

Numerous free response questions in past exams have asked students to extract data from a graph and then use the data to calculate a change in percentage. On a separate piece of paper, or using a computer program (printed out) graph the data in Table 1:

**Your graph should include:**

* Title
* X/Y axis title
* Key or labels
* Accurate intervals

**Table 1: US and Global Meat Consumptions 1960-2012**

|  |  |  |
| --- | --- | --- |
| **Year** | **U.S. per capita meat consumption (Kg)** | **Global per capita meat consumption (Kg)** |
| **1960** | 60 | 20 |
| **1965** | 66 | 22 |
| **1970** | 74 | 22.5 |
| **1975** | 71 | 23 |
| **1980** | 75 | 26 |
| **1985** | 76 | 29 |
| **1990** | 76 | 32 |
| **1995** | 78 | 38 |
| **2000** | 80 | 39.5 |
| **2005** | 82 | 40 |
| **2010** | 76 | 42 |
| **2012** | 75 | 42 |

\*We’ll do some calculations with this data next week.

(earthquacks)