

## SOLUTION Homework Set 3

Exercise 1:

Despite methodologic similarities, classic epidemiology and clinical epidemiology differ in aim. Classic epidemiologists pose a question about the etiology of disease in a population of people; etiologic factors can be manipulated to prevent disease. Clinical epidemiologists pose a question about the prognosis of a disease in a population of patients; prognosis is the probability that an event or diagnosis will result in a particular outcome.

Exercise 2:

- (a) Variant 1: The British are notoriously bad at learning foreign languages. The Dutch are famously good at it. Variant 2: The British are notoriously bad at learning foreign languages, while the Dutch are famously good at it.
- (b) Implementation proceeded at a rapid pace for at least a couple of years as so-called liberal bilateral agreements were negotiated with Korea, Thailand, Singapore, Taiwan, Israel, The Netherlands, Belgium, and, to a lesser degree, Germany.
- (c) Darwin's Origin of Species, published in 1859, revolutionized biological thinking.
- (d) The flight attendant role revolves around two major responsibilities: safety and service.
- (e) Sales in 2005 amounted to \$170 billion, broken down as follows: aircraft, \$89.1 billion; missiles, \$15.3 billion; space-related materials, \$37.3 billion; and related products and services, \$28.3 billion.
- (f) Other important commodities purchased by the aerospace industry include primary, nonferrous metals (for example, copper, aluminum, lead); radio, TV, and communications equipment; and scientific and controlling instruments.