CHAPTER SEVEN

CHEMICAL REACTIONS IN THE BODY—METABOLISM

Anabolism:

Catabolism:

Metabolic work of the liver:

BREAKDOWN OF NUTRIENTS FOR ENERGY

Glucose:
1. Glycolysis:

2. Pyruvate to acetyl Co A:

3. Corri Cycle:

4. Fates of Acetyl Co A:

Fats:
1. Glycerol:

2. Fatty acids:

Amino Acids:
ECONOMICS OF FEASTING = ANABOLISM

Surplus CHO:

Surplus Fats:

Surplus Proteins:

ECONOMICS OF FASTING = CATABOLISM

Glucose for the brain and CNS:

Sift to ketosis:

Suppression of appetite:

Slowing of metabolism:

Symptoms of Starvation:

CHAPTER SEVEN QUESTIONS