

PRACTICE: AMINO ACID OXIDATION

1. (S)GPT and (S)GOT are serum transaminase enzymes that are easy to measure and greatly increase when there is damage to:

- a. heart
- b. brain
- c. kidney
- d. pancreas
- e. none of these

2. (S)CK is a serum kinase enzyme that is easy to measure and greatly increases when there is damage to:

- a. heart
- b. brain
- c. kidney
- d. pancreas
- e. none of these

3. Urea synthesis in mammals takes place mainly in the:

- a. brain
- b. liver
- c. kidney
- d. skeletal muscle
- e. small intestine

4. Tetrahydrofolate and its derivatives shuttle _____ between different substrates.

- a. acetyls
- b. one carbon units
- c. -NH_3^+
- d. electrons
- e. protons

5. Most amino acid degradation pathways lead to:

- a. pyruvate
- b. preparatory phase of glycolysis
- c. energy harvesting phase of glycolysis
- d. pentose phosphate pathway intermediates
- e. citric acid cycle intermediates