An apple contains sugar and starch, which are used by the body when they are digested. Parts of the digestive system include the following:

- esophagus
- large intestine
- mouth
- rectum
- small intestine
- stomach

a. List the parts of the digestive system in the order in which the apple passes through them.

b. Identify one part of the digestive system listed above where mechanical digestion takes place. Explain how the apple is mechanically digested.

c. Identify one part of the digestive system listed above where chemical digestion takes place. Explain how the apple is chemically digested.

d. Identify the final product of starch digestion and describe how it is delivered to body cells.