What is the function of the cell membrane?

Describe the meanings of the terms fluid and mosaic in the “fluid mosaic” model of membrane structure using words and diagrams

Describe the structure of the phospholipid, including a phosphate and glycerol head and fatty acid tails.

Explain the terms hydrophobic and hydrophilic, and describe how these properties lead to a phospholipid bilayer.

Contrast integral and peripheral proteins.

List at least four different functions of membrane bound proteins.

Contrast the two types of transport proteins:  carriers and channels.

Cite evidence that the phospholipids and proteins in the membrane are fluid (meaning they can drift within the membrane).

Why are some fatty acids considered saturated and others considered unsaturated? ( review from Chem of Life)

Explain how cells that produce hormones use the endomembrane system

 Contrast endocytosis with signal mediated ( signal transduced) endocytosis

 Explain the difference between receptor mediated exocytosis and receptor mediated endocytosis

* + Describe the function of cholesterol molecules in the membrane.