1) Which store more energy: fats or carbohydrates? Explain.

2) Differentiate between monomers, dimers and polymers. Give an example of each.

3) Draw an aldopentose and a ketopentose. How many different aldopentoses are there? Ketopentoses?

4) Assign absolute stereochemistry (R/S) to each chiral carbon.

5) Draw the cyclic forms of the following straight chains.