1. Define biomass?

2. What are two major sources for biofuel?
   a.

   b.

3. Define Net Calorific Value (NCV) or Higher Heating Value (HHV).

4. The daily end use energy demand in a home with four people includes 20 MJ/day for cooking and 50 MJ/day for water heating. Calculate:
   a. The mass of dry wood required daily

   b. The mass of green wood required

   c. Land area required