Question 30 (8 marks)

(a) Compare the process of polymerisation of ethylene and glucose. Include relevant chemical equations in your answer.

Ethylene - the invalisation where the breaking of the few chable bond providing it with five vadical sites on either ends of 4-27 then addition where often hydrographon character with radical sites are goined up and then the end termination where it terminates the radical and 5. Calucose the polyer sed similar but due to its.

Lulky structure the they some by the product.

Question 30 continues on page 22

Question 30 (continued)

different polymers from ethylene and glucose, and their uses.
IDDE Structure: Hote proses Side branching
Properties: etros fragile, floobble
HDPE: Structure: Structure: Structure
Properties: strong, hard.
PHB & Structure: linear.
Properties: Strong
They are all made from, ethylene and
They ove all made from, ethylene and glucose, relation is that it can come End of Question 30
from onde oil which is non regrenable
resource or à cellouse which is made from renewable resource.
from rehenable resource.