3

Question 30 (8 marks)

Compare the process of polymerisation of ethylene and glucose. Include (a) relevant chemical equations in your answer. Cz H, <u>.</u>.... <u>, O</u> 6 H, C ...n.!! cthylene polymerisation oc condensation. nor 9 1) glucose, oL ly merization e Polymerischion water produced

Question 30 continues on page 22

5

Question 30 (continued)

Explain the relationship between the structures and properties of THREE (b) different polymers from ethylene and glucose, and their uses. a and ore lower density as he notecules cloxe loget ...l pact U oll and F ittle very nch .tl 03 densi ty. nu Can tog lose 100 toy ens TONG ory chain 0 9 plants les and hay can be Uld energy and creel 0 ... abrics.

End of Question 30