3

Question 30 (8 marks)

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

C2 H1 # (C6 H12 0, 500 ettylere requires hers work as it is a refre product of succe and is easily broken down to create monovers and effectuly create polynum for when reached, as for glucose It requires my and day bolygoto Her furthermore reped to creak polyners.

Question 30 continues on page 22

CH2 CH2 CH3. CAH2

(1 H 12 G

Luta

5

Question 30 (continued)

(b) Explain the relationship between the structures and properties of THREE different polymers from ethylene and glucose, and their uses.

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Unyl chloride plastic vsed in piping due to 05 strength. a de ca b hydero Whay weed in playtres bothes, M as 50 ۷ ch are purch raych Casily

End of Question 30