

POLYMER

1. State the following terms.

- a) Long-chain molecules containing of small molecules joining together -
- b) Small molecules which combine to form long chain-molecules –
- c) A process where polymer is decomposes back to its monomers –
- d) A process where monomers combine to form polymer –

2. The following are the examples of monomers and polymers. Label them correctly.

a)		<table border="1"><tr><td>amino acid</td></tr><tr><td> </td></tr></table>	amino acid		<table border="1"><tr><td>protein</td></tr><tr><td> </td></tr></table>	protein	
amino acid							
protein							
b)		<table border="1"><tr><td>starch</td></tr><tr><td> </td></tr></table>	starch		<table border="1"><tr><td>glucose</td></tr><tr><td> </td></tr></table>	glucose	
starch							
glucose							
c)		<table border="1"><tr><td>polythene</td></tr><tr><td> </td></tr></table>	polythene		<table border="1"><tr><td>ethene</td></tr><tr><td> </td></tr></table>	ethene	
polythene							
ethene							
d)		<table border="1"><tr><td>styrene</td></tr><tr><td> </td></tr></table>	styrene		<table border="1"><tr><td>polystyrene</td></tr><tr><td> </td></tr></table>	polystyrene	
styrene							
polystyrene							

e)



synthetic rubber

neoprene

f)



isoprene

natural rubber