

Organic Chemistry Homework 4 - Macromolecules

Name :

Marks : / 55

Class :
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Date :

Paper 2 [Structured and Free Response Questions]

Section A [Structured Questions]

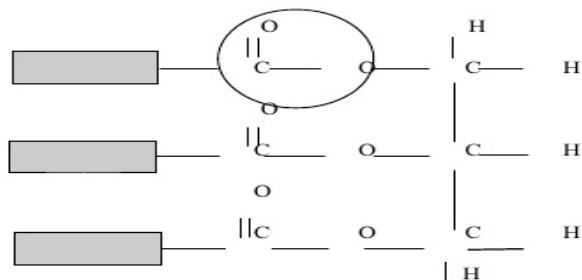
1 The following terms can be used to describe organic compounds.

alcohol	alkene	carboxylic acid	hydrocarbon
alkane	amide	ester	polymer

From this list, choose two terms which can be applied to each of the following compounds. The same term may be used more than once.

- (a) butene: alkene and hydrocarbon
- (b) poly(ethene): polymer and hydrocarbon
- (c) nylon: polymer and amide
- (d) terylene: polymer and ester

2 A simplified structure of a fat molecule is drawn below.



- (a) Fat is a macromolecule found in food. Name **two** other types of macromolecule found in food.