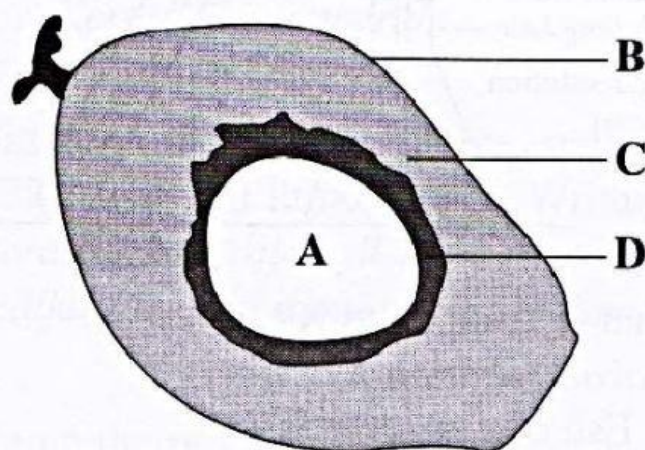


- 11** The diagram below shows a cross section of an oil palm fruit.

Rajah di bawah menunjukkan suatu keratan rentas bagi buah kelapa sawit.

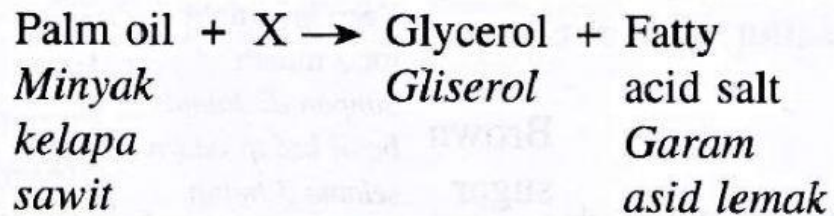


Which part, A, B, C or D, contains the most palm oil?

Antara bahagian A, B, C atau D, yang manakah mengandungi minyak sawit yang paling banyak?

12 The following word equation shows a chemical reaction.

Persamaan perkataan berikut menunjukkan suatu tindak balas kimia.



What is X?

Apakah X?

A Salt

Garam

C Water

Air

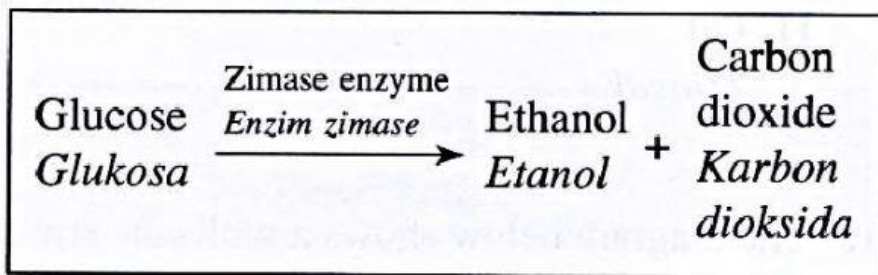
B Alkali

Alkali

D Acid

Asid

- 13** The following word equation shows a process.
Persamaan perkataan berikut menunjukkan suatu proses.



What is the process?

Apakah proses itu?

- A** Esterification
Pengesteran
- B** Fermentation
Penapaian
- C** Saponification
Saponifikasi
- D** Distillation
Penyulingan

14 Which of the following is the physical properties of ethanol?

Antara yang berikut, yang manakah merupakan sifat fizik bagi etanol?

A White in colour

Berwarna putih

B Gaseous at room temperature

Gas pada suhu bilik

C Has high boiling point

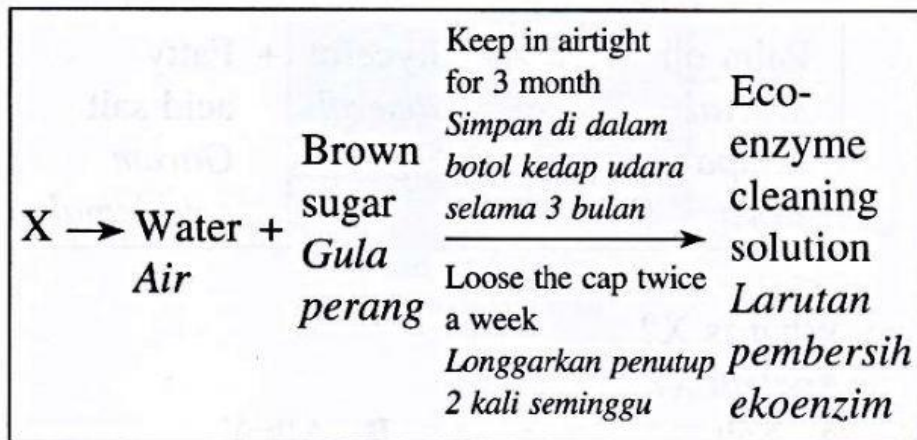
Mempunyai takat didih yang tinggi

D Dissolves in water

Larut dalam air

15 The diagram below shows a process to make an eco-enzyme cleaning solution.

Rajah di bawah menunjukkan suatu proses untuk membuat larutan pembersih ekoenzim.



What is X?

Apakah X?

A Ester

Ester

B Fats

Lemak

C Organic waste

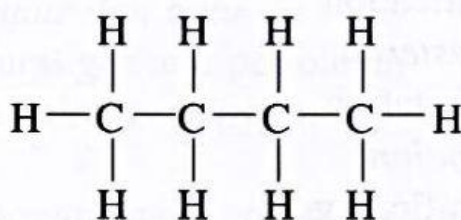
Sisa organik

D Oil

Minyak

16 The diagram below shows a molecule structure of P.

Rajah di bawah menunjukkan struktur molekul bagi P.



What is P?

Apakah P?

A Ethene

Etena

B Propane

Propana

C Butane

Butana

D Hexene

Heksena

17 Which of the following is a renewable energy resource?

Antara yang berikut, yang manakah merupakan sumber tenaga boleh baharu?

A Natural gas

Gas asli

B Coal

Arang batu

C Geothermal

Geoterma

D Petroleum

Petroleum

18 What is the reactant in the oxidation of palm oil?

Apakah bahan tindak balas dalam pengoksidaan minyak sawit?

A Water

Air

B Alcohol

Alkohol

C Oxygen

Oksigen

D Sodium chloride

Natrium klorida

19 What product can be made with palm oil?

Apakah produk yang dapat dihasilkan daripada minyak sawit?

A Plastic

Plastik

B Cheese

Keju

C Soap

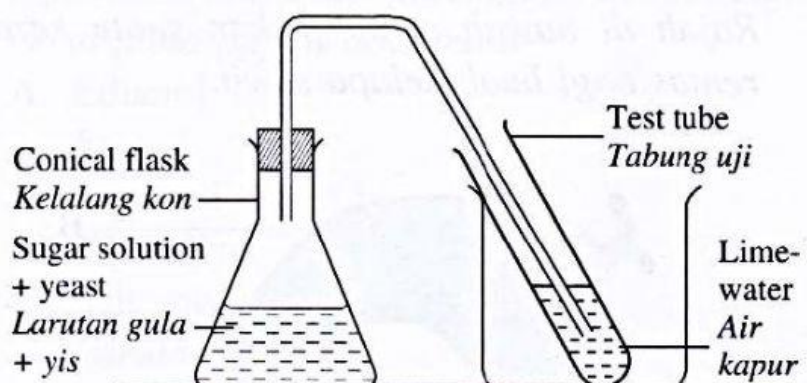
Sabun

D Butter

Mentega

20 The diagram below shows compound X is formed from a process.

Rajah di bawah menunjukkan sebatian X yang terhasil daripada suatu proses.



What is compound X?

Apakah sebatian X?

A Ester

Ester

B Alcohol

Alkohol

C Salt

Garam

D Soap

Sabun