

# Assessment

## Organic Chemistry-4



**Esters are formed from the reaction between**

- A. alcohol and aldehyde.**
- B. ether and carboxylic acid.**
- C. ketone and alcohol.**
- D. alcohol and carboxylic acid.**
- E. None of the above**

What two types of chemicals are mixed to form an ester?

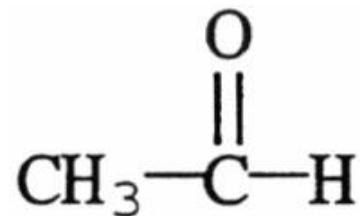
- A) A carboxylic acid and a base**
- B) A carboxylic acid and an alcohol**
- C) A base and an alcohol**
- D) Two different carboxylic acids**

Carboxylic acids react with \_\_\_\_ to form an ester and water.

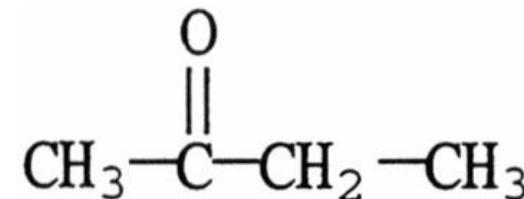
- A. amines
- B. **alcohols**
- C. alkanes
- D. alkenes

Which molecule is acetone?

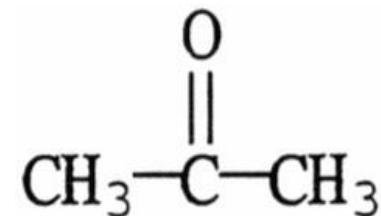
A)



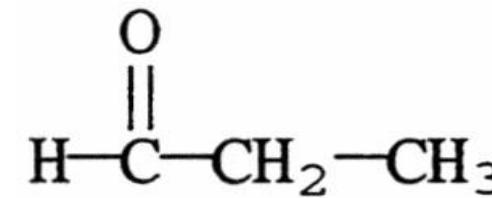
C)



B)

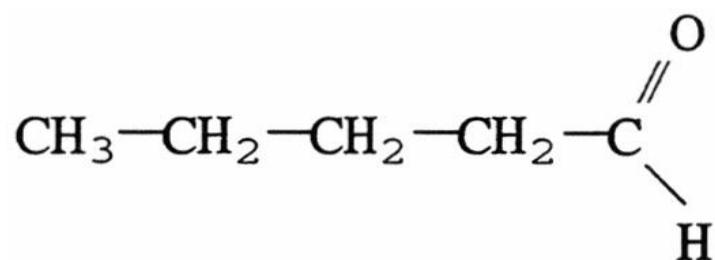


D)

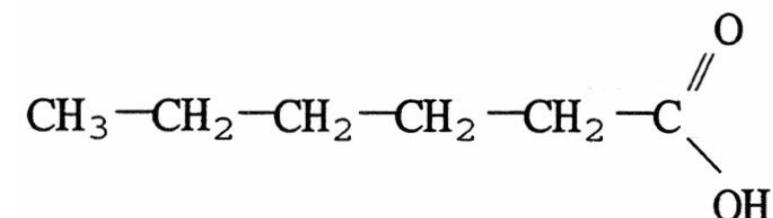


Which molecule is a carboxylic acid?

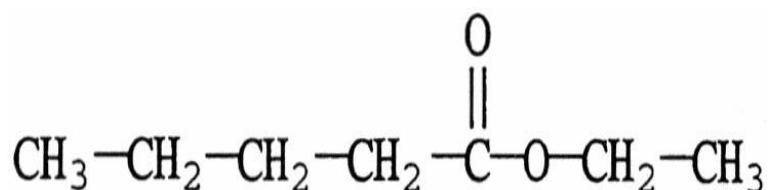
A)



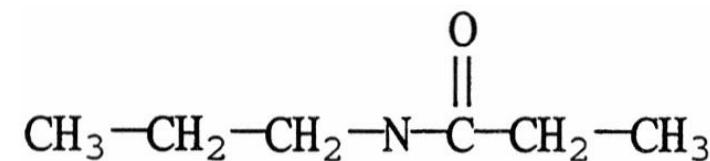
C)



B)



D)



Which of the following molecules is an example of amide?

