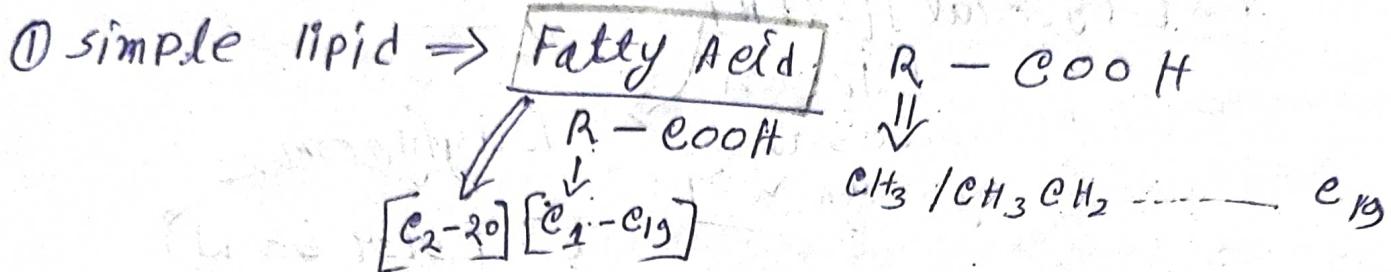


* Most abundant protein in whole biosphere (RUBISCO)
in animal \rightarrow COLLAGEN

LIPIDS

(water insolubles)



* Fatty Acid 2 type

Saturated FA (No double bond (=))

e.g. Palmitic FA (16-C) = $CH_3(CH_2)_{14}COOH$

Stearic Acid (18-C) = $CH_3(CH_2)_{16}COOH$

\downarrow (UFA)

Unsaturated FA (One double bond)

mono UFA (MUFA)
(one double bond)

Poly UFA (PUFA)

[2 or more double bonds]

Essential FA

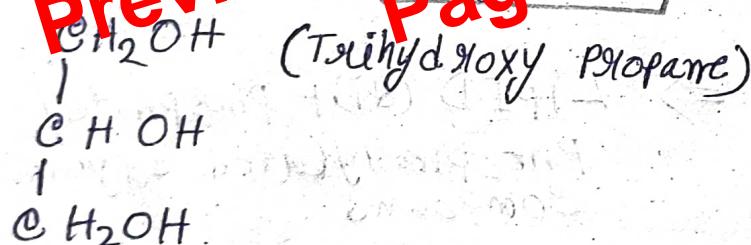
(body तेजी से नहीं बढ़ती (जैव विकास के लिए आवश्यक हैं))

e.g. Linoleic

Linolenic

Araekidonik

② Simple Lipid \rightarrow Glycerol



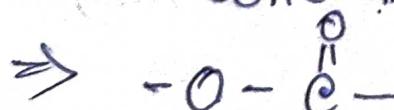
③ Many lipids have both

FA and Glycerol

* Glycerol is esterified with FA

* Monoglyceride, Di and Triglycerides

* Ester bond made Alcohol and Acid next



Preview from Notesale.co.uk
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