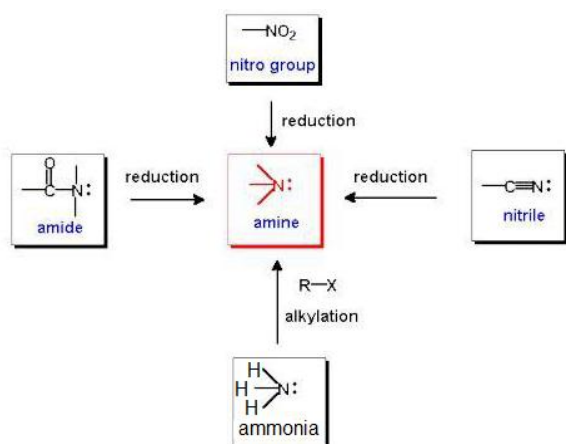
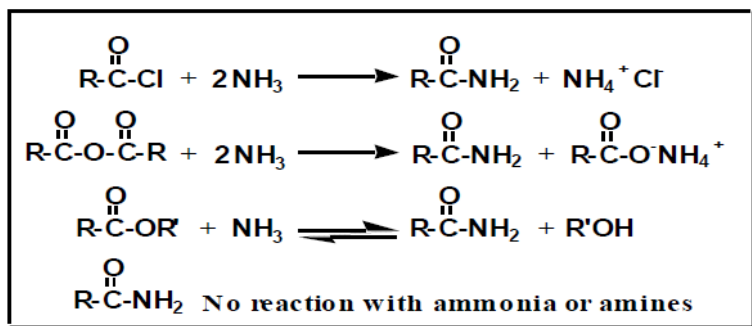


## Amine Synthesis

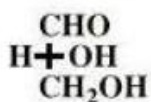


## Amide Synthesis



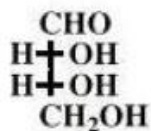
## SUGARS

### Triose

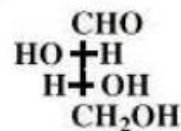


D-(+)-glyceraldehyde

### Tetroses

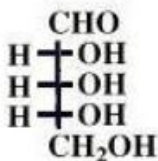


D-(-)-erythrose

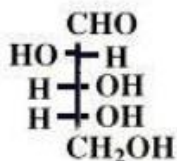


D-(-)-threose

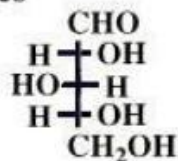
### Pentoses



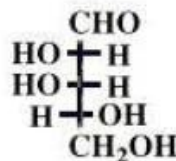
D-(-)-ribose



D-(-)-arabinose

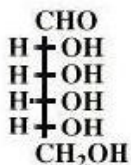


D-(+)-xylose

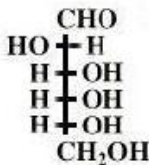


D-(-)-lyxose

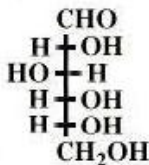
### Hexoses



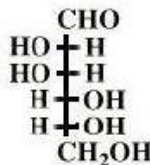
D-(+)-allose



D-(+)-altrose



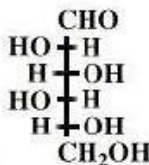
D-(+)-glucose



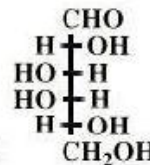
D-(+)-mannose



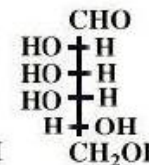
D-(-)-gulose



D-(-)-idose

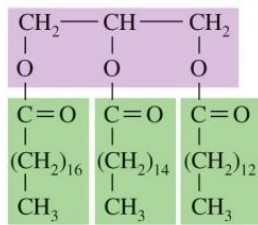


D-(+)-galactose

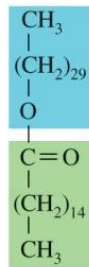


D-(+)-talose

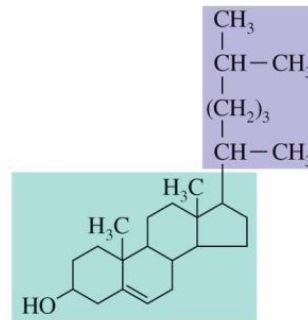
## Types of Lipds



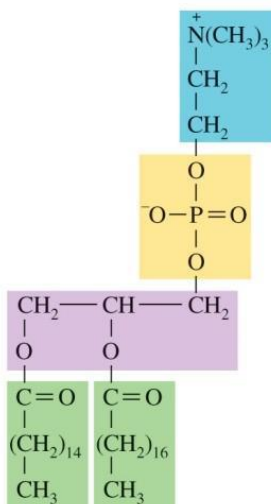
A fat



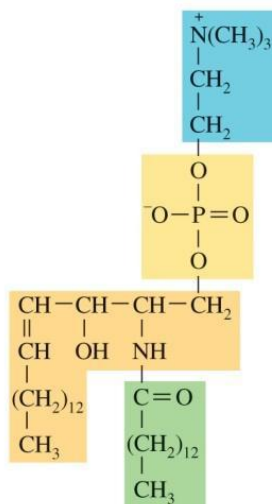
A biological wax



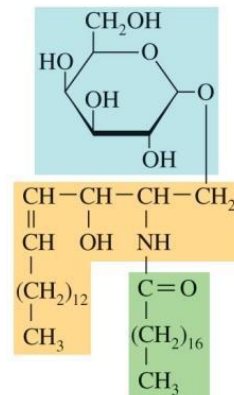
A steroid



A glycerophospholipid



A sphingophospholipid



A sphingoglycolipid

## Omega Fatty Acids

	<b>Methyl end</b>
Alpha-linolenic acid (ALA, C18:3, omega-3)	
Eicosapentaenoic acid (EPA, C20:5, omega-3)	
Docosahexaenoic acid (DHA, C22:6, omega-3)	
Linoleic acid (LA, C18:2, omega-6)	
Arachidonic acid (AA, C20:4, omega-6)	