

BCH202

18/MHS06/040

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MLS

20DLVL

1) Importance of cholesterol

- a) It builds the structure of cell membranes
- b) It helps metabolism ~~work~~ efficiently.
- c) It makes hormones like oestrogen, testosterone & adrenal hormones
- d) It is essential for the body to produce vitamin D.

2. Globosides contain two or more hexoses or hexosamines attached to a ceramide molecule ~~WHEREAS~~ Gangliosides are formed when ceramide oligosaccharides have at least one molecule of N-acetyl neuraminic acid (NANA) attached to them.

3. Methylated form of phosphatidyl ethanolamine is known as phosphatidylcholine

4. Cyclohexanoperhydrophenanthrene or phenanthrene ring.

5. Properties of phosphoglycerides:

- a) They are amphiprotic
- b) Structural components of membranes
- c) They are amphiphilic

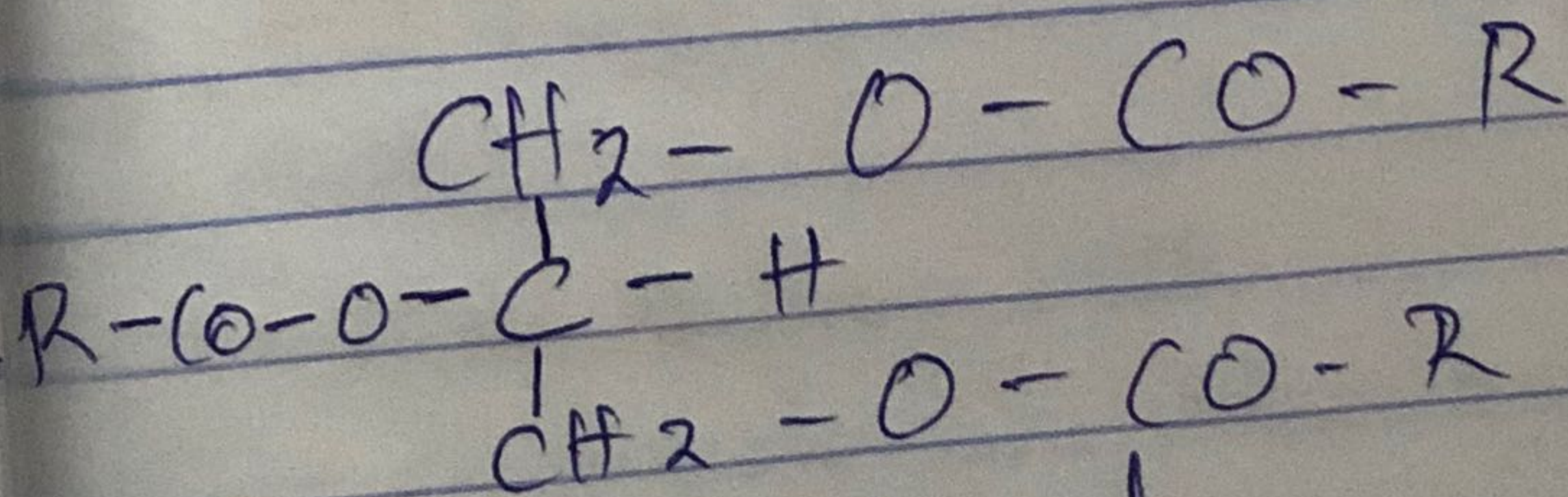
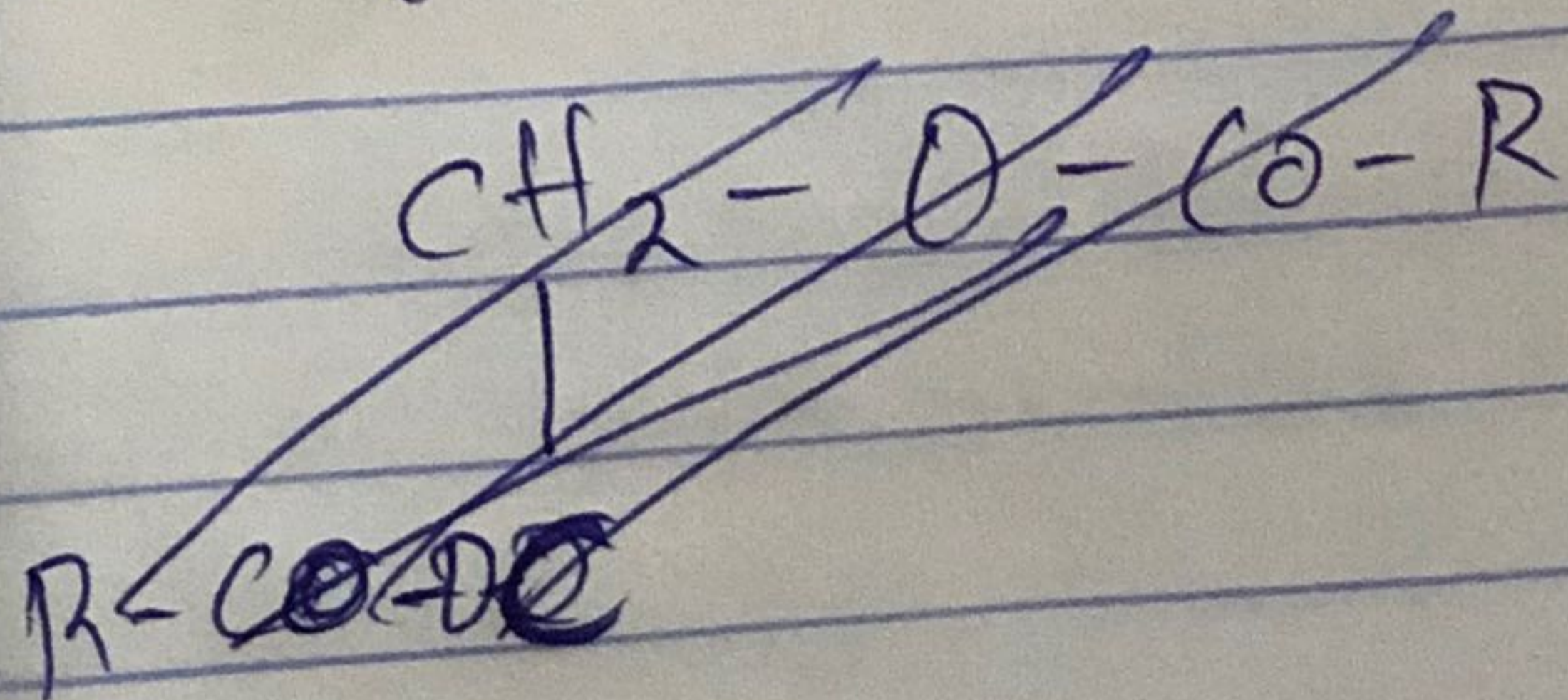
## 6. Triacylglycerol

- a.) Composed of three fatty acids chains
- b.) Acts as fat storage in our body
- c.) When esterified they form neutral fats.

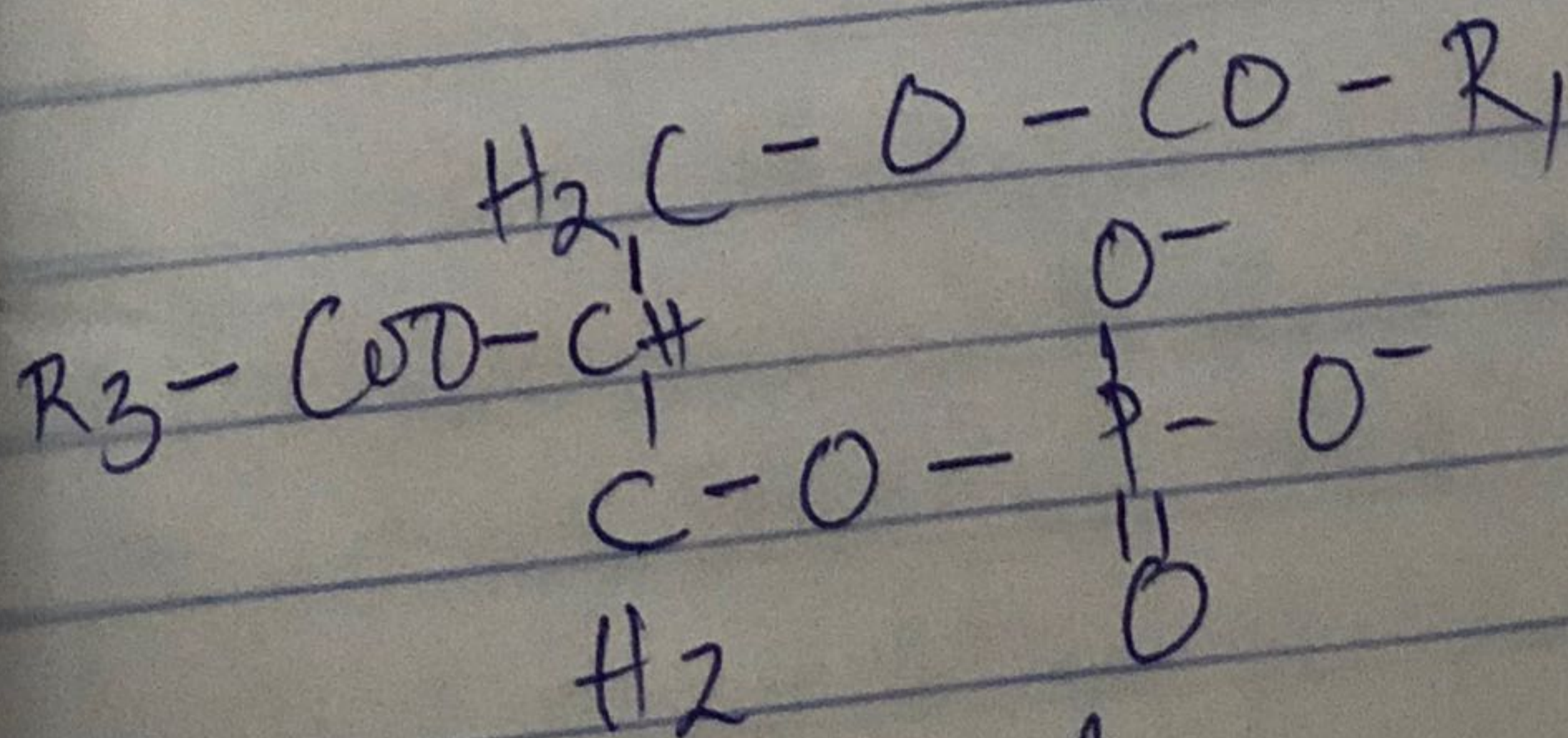
## Phosphoglycerides.

Composed of two fatty acid chains  
Make up the cell membrane of cells.  
When esterified they form phosphatidic acid.

## Examples



Simple triacylglycerol



Phosphatidic acid.