



Competitive Exams: Revision Terminology Part 2

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- Lanolin – cutaneous gland = sebum
- Fe – Cu needed for oxidation reduction process
- Link of glycolysis & Krebs Cycle = Acetyl-coA
- N₂ base choline from PO₄³⁻ group e.g. Lecithin (cell membrane & egg yolk)
- Phosphoric acid + glycerol + 2 fatty acid (saturated or unsaturated) = Phosphatidic Bond
- Phosphoric acid + fatty acid + glycerol + choline = lecithin
- Fatty acid, glycerol, phosphoric acid, Choline/Serine = Cephalin(Brain)
- Aliphatic aldehyde + fatty acid + H₃PO₄ + Choline or ethanolamine = Plasmogen
- Choline + H₃PO₄ + fatty acid + Sphingosine = Sphingomyelins (insulate nerve fibre)
- Glycolipid – amphipathic carbohydrate glyceride derivative & nophosphate
- Glycolipid – galactolipid & sulpholipid in plastid membrane
- Steroid – perhydrocyclopentanophenanthrene. (total 17 carbon)
- Sterols = Cyclopentanoperhydrophenanthrene e.g. Cholesterol (from gall stone)
- Stigmasterol (Calabar, soybean oil) -> converted to corpus luteum & progesterone
- Sitosterol – wheat germ oil
- Amino acid – charged polar molecule – H₂O soluble
- Permeability of cell wall decrement when in Contact with polyvalent elements
- Water – temp buffer due to highest specific heat (Except liquid NH₃)
- Amylose : Amylopectin in ratio 1: 3
- Unbranched : Branched
- Silk = β - Pleated Structure
- Helical -> Keratin hair
- Hair & wool – Dead cells of X – Keratin Strand
- X – Globulins => antibodies.

- Basic A.A = Lysine, arginine – cation – pH 7.4
- Beta lacto globin – $C_{1864} H_{3012} O_{576} N_{468} S_{21}$
- More H_2 Bond in antiparallel structure
- Hemoglobin & myoglobin = Conjugated protein
- Circular DNA – without free terminal
- Linear DNA – with free terminal
- Hyper chromatic effect – when native DNA is denatured, there is an increase
- Absorbance due to decrement in number of H_2 bonds.
- First earth summit – Rio de Janeiro – Brazil
- Bio Control - Cactoblastis Lantana by bugs
- Jhuming culture – Sal, mahua & tendu
- Green India 2047 by I K gujral
- Ranganthittu sanctuary (Mysore) – Birds
- Soil Binders :- Prosopis juliflora
- Community forest management by Green Book shop of Doon's Valley
- Desertification – high temperature & low rain.
- Pittsburgh(USA) = Smoky city
- Pittsburgh by Ringemann's chart

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