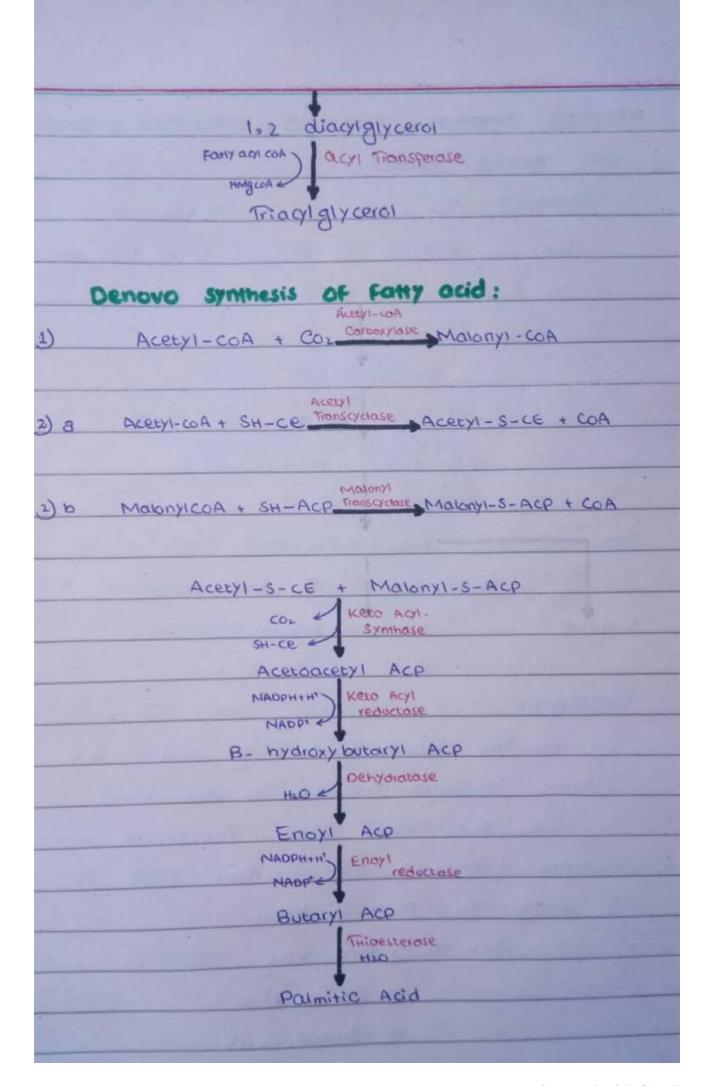
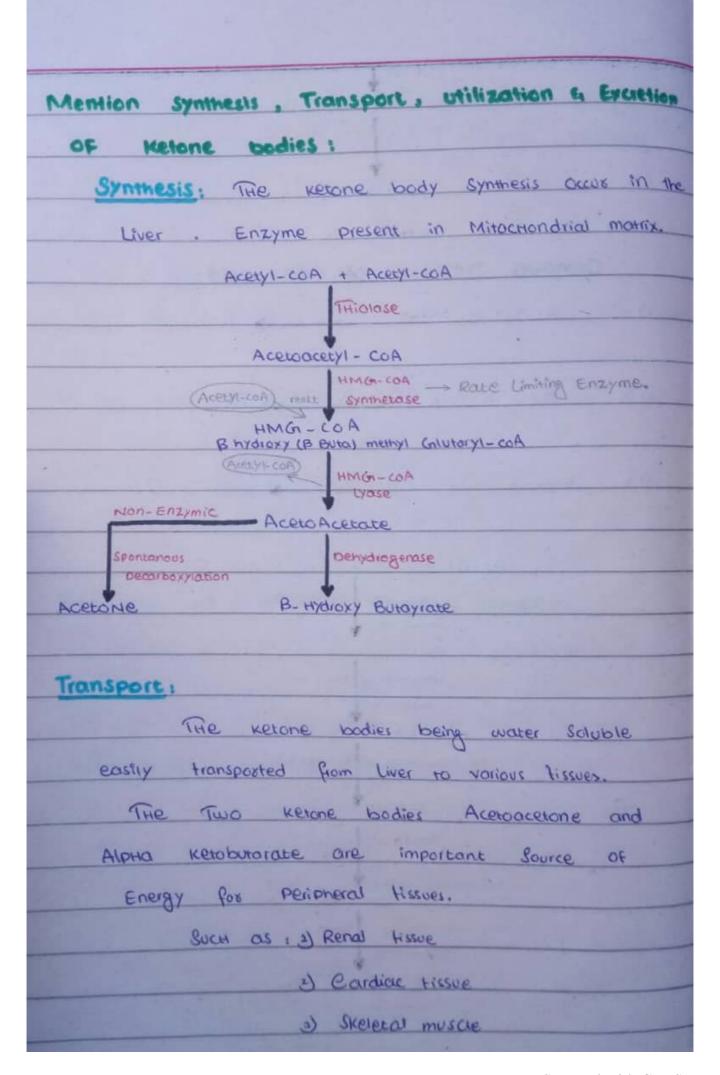


Why unsaturated Fatty acid give less energy
than Saturated Fatty acid of same Carbon:
There are double bond in unsaturated FA:
So they provide less energy. In Saturated
Fatty acid more H' ion atoms are attach
to Carbon atom and they produce more energy
The state of the s
Without are end Products OF:
Alpha Oxidation: Phytonic Acid
Beta exidation: Carboxylic Add
odd Chain Fany acid: Succinys - CoA
Enzymes of fatty acid synthose Complex:
1) Ketoacyi synthase y Ketoacyi reductase
2) A cetyl transcyclose s) Enoyl reductase
3) Malonyi tronscyclase 6) ACP
Biosynthesis of Triacylglycerol:
Dihydroxy acetone Phosphate Fantaixi con acyl Transferase HMOLONE
Ocyl dihydroxy acetone Phosphate
NAOPH'+H' Deductase
Lysophosphatidic Acid FACTION acyl Transferase
PHOSPHOEDIC AND
Pi D Prosphatase

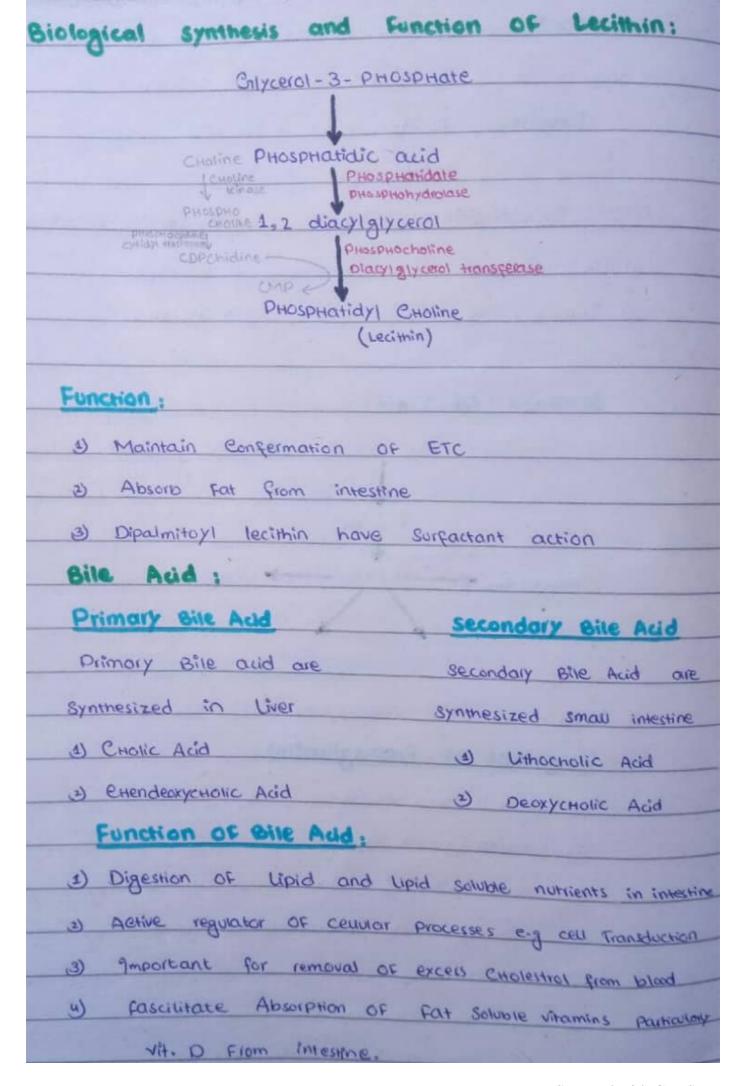




WHat are ketone bodies? Explain Ketonemia, kelon
E Kelone breath:
ketone bodies; ketone bodies are metabolic products
that are produced by excess during excessive
breakdowning of Fatty acid.
Acetone, Acetoacetoste & B-hydroxybutarate are caused
Ketone bodies.
Metonemia: 1 amount of ketone bodies in Blood.
Ketonuria: 1 amount OF Ketone bodies in Urine.
Ketone breath;
Ketosis is mostly associated with
Smeu of ketone during breath is ketone breath. Causes: 2) Starvation
3) DM;
Causes OF Ketoacidosis.
1) Use of Medicine Such as Divretics & conseneral
2) Physical or mental Truma
3) Alconol
y) Heart Attack
The same of the sa

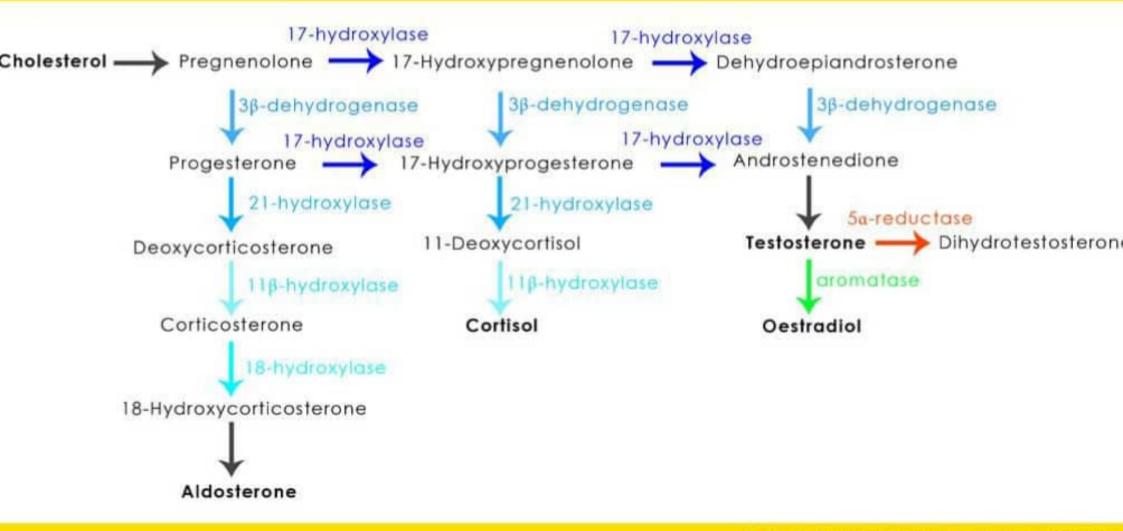
	tion. Disquares is except in liver so
Hilizot	HION: Thiophorase is absent in Liver so
ĭs	not utilized by the liver.
	B- Hydroxy Butarate
-	NROHITH B- Hydrory bularate
	Acetoacetate
	Succinya-con) Thiopharase
	Succinante
	Acetoacety1-coA
	COASH THIOTOSE
1 1/1	Acetyl- Acetyl-
	Acetyl- Acetyl-
	down Composition, site of synthesis and ogical rate of Chylomicson:
Biole	omposition:
Biole	They are Contain 2 y. Protein
Biole	omposition:
Biole	They are Contain 2 y. Protein Lipids Content 987.
Biole	They are Contain 2 y. Protein Lipids Content 987. 88 % Triglyceroids
Biole	They are Contain 2 y. Protein Lipids Content 987. 88 % Triglyceroids U v. Cholestrol
Biole	They are Contain 2 y. Protein Lipids Content 987. 88 % Triglyceroids
Bioto	They are Contain 2 y. Protein Lipids Content 98%. 88 % Triglyceroids 4 % Cholestrol 8 % Phospholipids
Bioto	They are Contain 2 y. protein Lipids Content 987. 88 y. Triglyceroids 4 y. Cholestrol 8 y. Phospholipids ite: They are synthesize in Small intesting
Biolo	They are Contain 2 y. protein Lipids Content 987. 88 % Triglyceroids 4 % Cholestrol 8 % Phospholipids ite: They are Synthesize in Small intesting during Course of Fat Absorption
Biolo	They are Contain 2 y- Protein Lipids Content 987- 88 y- Triglyceroids 4 y- Cholestrol 8 y- Phospholipids ite: They are synthesize in Small intesting during Course of Fat Absorption Unction: 1) Deliver Cholestrol -> Liver
Biolo	They are Contain 2 y. protein Lipids Content 987. 88 % Triglyceroids 4 % Cholestrol 8 % Phospholipids ite: They are Synthesize in Small intesting during Course of Fat Absorption

Eicosanoids: Eicosanoids are 20 Carbon Compund		
Which is derived from Archidonic Acid.		
Families: Prostanoids & Eicosanoids		
Cyclic Eicosanoids Non-cyclic Eicosanoid		
a) Prostacyclin a) leukotrienes		
2) Thiomboxanes 3) lipoxanes		
Synthesis OF PGGs:		
Archidonic Acid		
Dioxygenases		
P C G 2 Endoceptions Syntage Syntage		
Thromboxane syntase P (n H2 Woomstrains Leukotriens		
Prostarytu Thomerase Synthese		
Prostacyclin PGIE PGID		
Aspirin inhibit synthesis of Eicosonoids.		
Functions of Prostaglandins:		
2) induce Blood Clotting		
2) Prevent Blood Clotting		
3) Vasoconstriction / vasadilation		
4) Bronchoconstriction / Branchoditation		
3 Plateiet Aggregation		
6) Control inflammation		
(3) Regulate mestruation & Fertillty		



Veologijaabid3
What are hypocholestemic drup what are
their mode of Action & at which site they act:
Those drugs which decrease blood Cholestrol
Level are caued hypocholestremic drug.
The state of the s
Levostatin, inhibit HMG-COA reductase
which decrease Cholestrol Synthesize
Clofibrate: 1 Activity of Lipoprotein Lipase &
Plasmo CHolestrol & Triglycerids
Cholestryamine: 1 intestinal Absorption.
The state of the s
Why HOL good 4 LOL is Bad:
Because HOL Carries Cholestrol from peripheral
tissues to Liver and & Blood Cholestrol
The said of the sa
LOL is bad because it deliver Hepatic Cholestic
to peripheral tissues through receptor mediate mech
Fatty Livers Triacy I glycerol accumulate excessively in Live
Mormany Kuffer cen Contain Upids in form of Up
droplet but in fatty liver droplet of Triglycerol and
found in Hepatic cen of emire cytopiaim.
Couses: 2) Statutation, Alchousm , DM
a) Wah sat in Diet

SYNTHESIS OF STEROID HORMONES



In black are hormones, in colour are enzymes