



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Coimbatore – 35

DEPARTMENT OF BIOMEDICAL ENGINEERING

UNIT III LIPIDS



1. Fats are abundantly found in
 - a) Reproductive tissue
 - b) Vegetative tissue
 - c) Both a and b
 - d) None of these
2. Natural lipids are readily soluble in
 - a) Oil
 - b) Mercury
 - c) Water
 - d) None of these
3. Which of the following is/are unsaturated fatty acids?
 - a) Linoleic acid
 - b) Oleic acid
 - c) Palmitoleic acid
 - d) All of these
4. Fats can be stored in the cell without disturbing their
 - a) Hydroxyl bond
 - b) Aleurone layer
 - c) Osmotic relations
 - d) None of these
5. Liquid form of triglycerides at ordinary room temperature are called
 - a) Oils
 - b) Solid
 - c) Fats
 - d) None of these
6. The synthesis of glucose from fat is called
 - a) Glycolysis
 - b) Krebs cycle
 - c) Saponification
 - d) Gluconeogenesis
7. Hydrolysis of fats by alkalis into fatty acids and glycerol is called
 - a) Coagulation
 - b) Saponification
 - c) Suspension
 - d) Colloidal
8. The fats and oils are respectively rich in
 - a) Unsaturated fatty acids
 - b) Saturated fatty acids
 - c) Saturated and unsaturated fatty acids
 - d) None of these



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9. β -oxidation takes place in

- a) Mitochondria b) cytoplasm c) Chloroplasts d) nucleus

10. Which is a phospholipid?

- a) Lecithin b) Cholesterol c) Sterol d) Steroid

11. The number of double bonds in Arachidonic acid

- a) 1 b) 2 c) 3 d) 4

12. Essential fatty acids are

- a) Linoleic acid b) Arachidonic acid c) Linolenic acid d) All of these

13. The following is not a phospholipid

- a) Sphingomyelin b) Lecithin c) Cephalin d) Cerebroside

14. Examples of monounsaturated fatty acids are:

- a) Oleic acid b) Arachidonic acid c) Palmitic acid d) Linolenic acid

15. High content of Triglycerides are seen in

- a) LDL b) HDL c) VLDL d) Chylomicrons