

ASSIGNMENT

1. What is fatty acid synthesis, explain?
2. Discuss the precursors of fatty acid synthesis.
3. Write a brief note on the Regulation of fatty acid biosynthesis.
4. What are essential fatty acids, give examples?
5. Mention the three main ways of producing the acetyl CoA.
6. Write the main steps involved in fatty acid biosynthesis
7. Describe the formation of malonyl CoA give the reaction.
8. Give a very brief description of acetyl CoA carboxylase in animal cells.
9. Give the net reaction of fatty acid biosynthesis.
10. Explain the condensation step involved in the fatty acid biosynthesis.