

Shahjalal University of Science & Technology, Sylhet
Department of Biochemistry & Molecular Biology
BMB222: Metabolism-I (03/03/2016)
Time- 45 minutes Marks-20

1. What is chylomicron? Show the reactions at intestinal mucosal cells to synthesize chylomicron. 3
2. Write down the hormonal control of lipid digestion. 3
3. Briefly illustrate the beta oxidation of long chain fatty acid with possible enzymes. 4
4. How the fatty acids transported to mitochondria? 3
5. What are ketone bodies? Write down the synthesis of ketone bodies. 4
6. Demonstrate the hormonal regulation of triacylglycerols(TG) degradation in adipocytes. 3