 <p>Universiti Malaysia PAHANG Engineering • Technology • Creativity FACULTY OF INDUSTRIAL SCIENCES & TECHNOLOGY</p>	SUBJECT: Biochemistry		MARKS: /8	
	CODE: BSB1113	TOPIC: Lipid, Nucleic Acid, Amino Acid		
	ASSESSMENT: Quiz 4	NO: 4		DUE/DURATION: 20 min
NAME:			STUDENT ID:	SECTION:

Specify appropriately T=True or F=False for these statements. Answer within the space given.

1. β oxidation is a pathway that yields both NADPH and $FADH_2$ but no ATP/GTP.

Answer: _____ .

2. The oxidation of palmitic acid yields products that enter glycolysis, Krebs cycle or electron transport chain.

Answer: _____ .

3. In the fatty acid synthesis acetyl CoA required to be shuttled to the cytoplasm as a precursor for this pathway.


Answer: _____ .

4. The rate limiting enzyme of fatty acid synthesis is Acetyl-CoA Carboxylase and not Fatty Acid Synthase.

Answer: _____ .

5. In the salvage pathway the nucleotide are assembled from simpler compounds such as amino acids, ATPs, THF, CO_2 etc.

Answer: _____ .

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6. Xanthine oxidase is an enzyme important in the catabolism of purine.

Answer: _____ .

7. Ammonia intoxication can take place due to severe kidney disease.

Answer: _____ .

8. In the transamination reaction of amino acid synthesis, the enzyme transaminase requires a coenzyme known as biotin.

Answer: _____ .