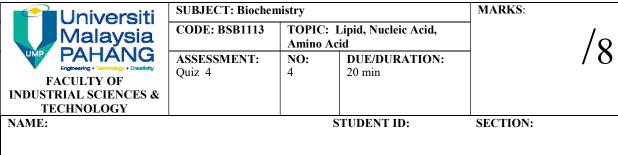
Universiti	SUBJECT: Biochemistry			MARKS:	
Malaysia	CODE: BSB1113	TOPIC: Lipid, Nucleic Acid, Amino Acid			/ <sub>Q</sub>
PAHANG Engineering · Technology · Crustivity  FACULTY OF	ASSESSMENT: Quiz 4	NO: 4	<b>DUE/DURATION:</b> 20 min	,	/ 0
INDUSTRIAL SCIENCES & TECHNOLOGY					
NAME:		S	TUDENT ID:	SECTION:	

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

1.	$\beta$ oxidation is a pathway that is yields both NADPH and FADH <sub>2</sub> 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 <sub>2</sub> etc.
	Answer: .



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: