Quiz II

Biochemistry II October 28, 2008

	Name:		ID (字号):	
1.	Which of the following	statements correc	tly describes ketone bodies?	
	They accumulate in the children with fatty acid oxidation disorders.			
B.	They accumulate in diabetes mellitus after insulin therapy			
C.	They are produced by muscle but not liver			
D.	They include β-hydroxybutyrate and acetone			
E.	They are found in blood but not in urine			
	Answer	_		
	•		ween cytochromes b and c_1 . If intact	
			A, excess NADH, and an adequate	
-		_	be found in the oxidized state?	
	Coenzyme Q B.	•	C. Cytochrome <i>b</i>	
D.	Cytochrome e E.	·		
	Answer	_		
3.	The reactions of the ur	ea cycle occur		
A.	In the cytosol			
B.	In the mitochondrial matrix			
C.	In the mitochondrial matrix and the cytosol			
	O. In the lysosomes			
E.	In peroxisomes			
	Answer	_		
4.	The conversion of py	ruvate to oxaloac	eetate is likely to require which of the	
fol	lowing coenzyme?			
			C. Thiamine pyrophosphate	
D.	Flavin adenine dinucle	otide	E. Pyridoxal phosphate	
	Answer	_		
	· ·		atty acid transport into the mitochondrial	
	atrix? (With more than o			
	It is not the rate-limitin		oxidation.	
	3. It is regulated by malonyl-CoA.			
	C. The cytosolic and matrix pools of CoA are distinct and separate.			
D.	Once fatty acyl groups have entered the matrix, they are committed to oxidation to			
	acetyl-CoA.			
	Answers			