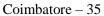


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DEPARTMENT OF BIOMEDICAL ENGINEERING

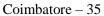
<u>Unit II</u>

1.	Blood	d sugar is								
	i.	sucrose	ii) lactose	iii) glucose	iv) fructose					
2.	Glyco	lysis occurs in								
	i.	Mitochondria	ii) cytosol	iii) nucleus	iv) ribosome					
3.	How r	nany ATP molecules are generated during glycolysis								
	i.	2 ii) 10	iii) 6 iv) 8							
4.	Which	n of the following enzyme links glycolysis and TCA cycle								
	i.	Glucokinase	ii) PFK	iii) LDH	iv) pyruvate dehydrogenase					
5.	Which	n one of the following enzyme is involved in substrate level phosphorylation								
	i.	citrate synthase ii) isocitrate dehydrogenase iii) succinyl CoA synthetas								
		iv) fumarase								
6.	How r	many irreversible steps occurs in glycolysis								
	i.	2 ii) 4	iii) 3 iv) 5							
7.	The er	nd product of glycolysis is								
	i.	Pyruvate	ii) citrate	iii) acetyl Coa	A iv) lactate					
8.	The in	mportant reducing power produced in HMP shunt pathway is								
	i.	NADH	ii) NADPH	iii) FAD	iv) FADH2					
9.	Pyruva	vate is converted to oxaloacetate by								
	i.	. pyruvate carboxylase ii) pyruvate kinase iii) PFK iv) phosphoenol pyruvate								
		carboxylase								



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10. Lactate is converted to glucose in											
	i.	skeletal muscle		ii) liver iii) kidney		iv) lung					
11. Insulin is secreted by											
	i.	liver	ii) kidney	iii) pancreas	iv) thy	roid					
12.	2. In carbohydrates, a special functional groups are present in the given following:										
	i.	Alcohol and Carboxyl groups ii) Aldehyde and Ketone groups iii) Hydroxyl									
		groups and Hydrogen groups iv) Carboxyl groups and others									
13. One of the following has reducing properties											
	i.	Glucuronic acid ii) Gluconic acid iii) Glucaric acid iv) Mucic acid									
14.	The end product of hydrolysis of "Starch" by amylase is										
	i.	Soluble starch ii) Glucose iii)Dextrins d) Maltose									
15.	Fructose and Glucose can be distinguished by										
	i.	Seliwanoff 's reagent ii) Benedict's reagent iii) Fehling's reagent iv) Barfoed's									

SNSCT UNIT II MCQ - BCT

reagent