

Jars Education

Shop no. 2,3,4 hendre pada Badlapur west thane

Time	e : 1 hour 15 Minute	STD 11 Scien chapter Ba	ce Biology ised Test	Total	Marks : 40
		SECTION A			
*	* Choose The Right Answer From The Given Options.[1 Marks Each]				
1.	In glycolysis, during oxidation electrons are removed by.				
	(A) ATP. (B) Glyceraldehyde-3-phosphate.				
	(C) NAD+ (D) Molecular oxygen.				
2.	Respiratory quotient of carbohy	ydrates is:			
()	A) 0.9 (B) 1.2		(C) 1	(D) 0	
3.	<ul> <li>(A) Cell cytoplasm.</li> <li>(B) Inner mitochondrial membrane.</li> <li>(C) Mitochondrial matrix.</li> <li>(D) Nucleus.</li> </ul>				
4.	Oxidative phosphorylation involves simultaneous oxidation and phosphorylation to				
	finally form.				
()	A) Pyruvate. (B) NAD	P.	(C) APN.	(D) ATP.	
5.	In which one of the following do the two names refer to one and the same thing?				
	(A) Tricarboxylic acid cycle and urea cycle. (B) Krobs cycle and Calvin cycle				
	(C) Tricarboxylic acid cycle and citric acid cycle				
	(D) Citric acid cycle and Calvin cycle.				
*	Answer The Following Questions In One Sentence.[1 Marks Each]				[6]
6.	Name the two enzymes involved in the fermentation process in yeast.				
7.	Mention the significance of F <sub>o</sub> -F <sub>1</sub> combination in mitochondria.				
8.	Name the haem protein present in the ETC.				
9.	Name the first step in cellular respiration.				
10.	Glucose A 3-phosphoglyceric acid B pyruvic acid C+ CO <sub>2</sub> .				
11.	Which is the first step in cellular respiration?				
		SECTION B			
*	Given Section consists of questions of 2 marks each.				[10]
1.	Write the equation for the phase of respiration inside the mitochondria.				
2.	The maximum concentration of alcohol produced by natural fermentation is 13%. But most of the alcoholic preparations for human consumption contain more than this percentage. How this higher percentage is achieved?				

