

Subject : BIOLOGY DPP No. : 7 Class: XIth Date:

	_	pic :- Respirati				
1.	The released energy obtained by oxidation is stored a) A concentration gradient across a membrane c) ATP					
2.	Respiratory Quotient (RQ) is one in case of					
	a) Fatty acids	b) Nucleic acids	c) Carbohydrates	d) Organic acids		
3.	Which of the following substrates is used in the formation of alcohol?					
	a) Sucrose	b) Glucose	c) Galactose	d) Fructose		
4.	Which one is correct sequence a) G-6-P \rightarrow PEP \rightarrow 3-PGAL -c) G-6-P \rightarrow PEP \rightarrow 3-PGA \rightarrow	→ 3-PGA	b) G-6-P \rightarrow 3-PGAL \rightarrow 3-PGA \rightarrow PEP d) G-6-P \rightarrow 3-PGA \rightarrow 3-PGAL \rightarrow PEP			
5.	Cyanide resistant pathway a) Anaerobic respiration c) Both (a) and (b)	<i>y</i> is	b) Aerobic respiration d) None of these			
6.	Common enzyme in glycolysis and pentose phosphate pathway is					
	a) Hexokinase	b) aconitase	c) Fumarase	d) Dehydrogenase		
7.	In aerobic respiration complete oxidation of pyruvate by the stepwise removal of all the hydrogen atom makes molecule of CO_2					
	a) 2	b) 3	c) 4	d) 5		
8.	Phase common in aerobic and anaerobic respiration is					
	a) TCA cycle	b) Glycolysis	c) Glycogenolysis	d) ETS		
9.	2NADH(H ⁺) produced dur a) 6 ATP molecules	uced during anaerobic glycolysis yield s b) 4 ATP molecules c) 8 ATP molecules d) None of these				
	a) OATT IIIOIECUIES	b) 4 ATT molecules	c) o ATT inforecties	d) None of these		
10.	a) Alcohol Dehydrogenase		b) Alcohol oxidase	b) Alcohol oxidase		
	c) Pyruvate Dehydrogenase		d) Pyruvate decarboxylase			

11.	The activity of succinate Dehydrogenase is inhibited by					
	a) Pyruvate	b) Glycolate	c) Melonate	d) Phosphoglycerate		
12.	Citric acid is industrially best produced by a) Streptococcus lactis c) Penicillium purpurogenum		b) Aspergillus niger d) Lactobacillus delbreukii			
13.	Respiratory substrate are a) Oxidised	the organic substance wh b) Reduced	ich are during respiration (c) Both (a) and (b)	on to liberate energy d) Synthesised		
14.	The oxidation of pyruvic a a) Fermentation c) Glycolysis	acid to ${ m CO_2}$ and ${ m H_2O}$ is calle	d b) Citric acid cycle d) Oxidative phosphorylation			
15.	Preparatory phase before a) Upstream process	e fermentation is b) Downstream process	c) Inoculation	d) Filtration		
16.	For retting of jute the ferma) <i>Helicobactor pylori</i> c) <i>Streptococcus lactis</i>	menting microbe used is	b) <i>Methophilic bacteria</i> d) <i>Butyric acid bacteria</i>			
17.	The respiratory quotient a) Nature of enzymes invo c) Amount of carbon diox	olved	would depend on the b) Nature of the substrate d) Amount of oxygen utilized			
18.	Which one of following is a) NADH Dehydrogenase c) Ubiquinone	complex V of the ETS of in	ner mitochondrial membrane? b) Cytochrome oxidase d) ATP synthase			
19.	Protein directly cannot be a) Amino acid	tein directly cannot be used as a respiratory substrate, it breaks down into mino acid b) Fatty acid c) Glycolytic acid d) Fumaric acid				
20.	Ethyl alcohol is commerci a) Bajra	ially manufactured from b) Grapes	c) Maize	d) Sugarcane		