	_	·			aded, complet	· -	d-written notebook paper with you to hand in on the						
1)	(BC1) L	ry Review Stuff abel the product $H_2O + O_2$	rs(P) and reactants	® in the equation	below.								
2)	(BC2) The above equation is why hydrogen peroxide (H_2O_2) is found in brown bottles. In clear bottles sunlight cause the reaction to occur, making the peroxide fizz out all it's usefulness. What is sunlight to the reaction?												
3)	(BC3) Mr. C has a blue tie on. Explain using light and pigments why his tie appears blue. Remember that light contains the colors ROYGBIV.												
4)	(BC4/BC5) Label the reactions for which is the correct way to create ATP (C) and which is correct to use ATP (U). ATP + P → ADP + energy ADP + P + energy → ATP ATP + energy → ADP + P												
5)		Er Ca Ca Er	ach correct staten nzymes are <u>carboh</u> atalysts <u>speed up</u> r atalysts <u>raise</u> activ nzymes are affecte nzymes' active site	nydrates in the bo reaction rate ation energy rd by pH, concent	dy ration, and <u>hur</u>	nidity	gether like a "lock & key"						
Pho	tosynth	esis											
wat		oxygen	green	blue&red	thylakoid	chloroplast	chlorophyll						
	ting	ATP	NADPH	CO ₂	ADP	NADP+	cycle						
_	ose (P1) Wi	stroma rite out the equa	Hans Krebs Ition for photosyn	Melvin Calvin thesis including e	•	Krebs Cycle							
7)	(P2/P7) The products of the light reactions are and which we breathe in.				&	which a	re used in the Calvin Cycle,						
8)	(P3) The major pigment in the light reactions is, which makes plants green because it reflects light back at us. This light acts as the for the reaction by electrons												
	•	their energy leve	•										
			e place in the										
10)	(P5) In	order to continu	e, electrons must	be replaced. This	is done by spli	tting	and releasing						
11)		with ea	ctions generally oc ech other, because ne air to create	they each use th	_		se the two form a the dark reactions use						
12)	(P8/P9)	The dark reacti	ions or light indep	endent reactions			because they were						
	uiscove	icu by	and take p	10CE 111 LITE	01 111	·	_·						

Photosynthesis & Cell Respiration Practice Test

Name: _____ Hr: ____

Cell Respiratio	n								
Krebs Cycle	Calvin Cycle	Hans Krebs	Melvin Calvin	CO ₂	ATP	O_2			
Glycolysis	electron trans	port chain (ETC)	fermentation	alcoholic	lactic acid	pyruvate			
Glucose	cytoplasm	mitochondria	stroma	oxygen	NADH	NAD+			
Aerobic (oxida	tive)	anaerobic							
13) (CR1) Write	e out the baland	ced equation for	cell respiration i	ncluding ener	gy.				
		· ·	-		gain a net of 2A	TP from b 30 or more from			
15) (CR3) Glycolysis takes place in the makes from splitting			and crea	ates 2	in addition to the ATP and NADH it				
			ust regenerate _		This is what is	used to split molecules			
17) (CR5) When there is no present the cell must regenerate the needed for through the process of This is anaerobic respiration because of this lack.									
	acteria and yea					entation in their bodies, ih "adult beverages" and			
		prese and pro			o aerobic or oxida	ative respiration. This			
					. It was disco	vered by,			
which is w	hy it's called the		citric acid cycle)	. It uses the p		d in glycolysis to produce			
21) (CR8/CR10 creates the	The "money st	tep" (Cause it ma requires	kes like 30ATP, t	he currency o		This ectrons and creates -			
				_		nes you got wrong. Make I get your practice test			
•	-		d this practic	e test at h	ome before t	he date of the test.			
Parent/Gua	irdian Signat	ture							
					Da	ate:			