

Science Department Multiple Choice Answer Sheet

	Test Topic:	Name:	Year:	
339	Multiple Choice – 15 questions. Circle your choice. If you change your mind, scrub your choice out and circle the one you want. If it is messy, clearly write your choice next to question.			
	1. A B C D 2. A B C D 3. A B C D 4. A B C D 5. A B C D 6. A B C D 7. A B C D 8. A B C D	11. A B 12. A B 13. A B 14. A B 15. A B		
	9. A B C D 10. A B C D			
	Written Section: Write your answers for the written smore paper.	section below. Ask your	teacher if you need	
,	BONDS BREAK (1)			
2	FISSION - LARGE ATOM CRAC - SPLITS INTO 2 SM	DIDISOTOPE) is hit	by a particle () RELEASING ENERGY(1)	
	Fusion - 2 small ATOMS			
	- Join TO FORM A	BIEGER ATEM AND	Cive off evergy O Chatter & energy	
3	Al, Au, Ne, He, U, Fe			
+ 9	8 b 27g c 16 d 2			

5	a) Isotope- ATOM WITH SAME NUMBER OF PROTONS () But a different number of neutrons in nucleus (>
6	6 Neutrons in nucleus 6 Neutrons in rudeus 6 Electrons in cloud 5 2 + 4 layers 5 6 PROTONS in nucle 6 Protons in nucle 6 Electrons in cloud 5 2 + 4 layers 5	us d =
6	6 1) 5 days = (2 g (1) ii) 10 days = 6 g (1)	
7	a) neutrons collide with wranum nucleus ()	
	and newtrons which hit other atoms (6	
	b) absorb neutrons to slow down / stop chain rea	ction (
	an uncontrolled chain reaction/melto	down