SAFETY BAY SENIOR HIGH SCHOOL CHEMICAL CHANGE

Class Test 2

NAM	NAME :						Mark		
Answer all questions in the spaces provided.									
1)	Balance the following equations:								
i)	Mg	+	HCl		MgCl ₂	+ .	H ₂		
ii)	so_2	+	02		SO ₃				
iii)	Al ₂ O ₃	+	HCI -	Esta	AlCl ₃	+	H ₂ O		
iv)	so_3	+	NaOH	dad and No. 100 PM	Na ₂ SO ₄	+	H ₂ O		
v)	Fe	+	o_2	melana rest	Fe ₂ O ₃				
vi)	NO ₂	+	H ₂ O		HNO ₃	+	HNO ₂		
vii)	ZnS	+	02		ZnO	+	so_2		
viii)	Pb(NO	3)2			PbO +	NO ₂	+	o_2	
ix)	Na	+	co ₂		Na ₂ CO ₃	+	C		
x)	NH4Ç	1+	Ca(OH) ₂		CaCl ₂ +	NH ₃	+	H ₂ O	
									(10)
2)	Write balanced chemical equations for:								
i)	potassium oxide + acetic acid potassium acetate + water								
ii)	calcium hydroxide + carbon dioxide calcium carbonate + water								
iii)	iron III oxide + carbon iron + carbon monoxide								
iv)	zinc carbonate + hydroxide acid zinc chloride + water + carbon dioxide								
v)	sodium oxide + nitric acid sodium nitrate + water								