

Yr10 pre ATAR  
Chem II

dccdba  
acacabdad



## Science Department Multiple Choice Answer Sheet

Test Topic: 10ENR Ch2 Name: ANSWERS Year:     

### 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 ☒ D
3. A B ☒ D
4. A B C ☒ D
5. A ☒ C D
6. ☒ B C D
7. ☒ B C D
8. A B ☒ D
9. ☒ B C D
10. A B ☒ D

11. ☒ B C D
12. A ☒ C D
13. A B C ☒ D
14. ☒ B C D
15. A B C ☒ D

### Written Section:

Write your answers for the written section below. Ask your teacher if you need more paper.

- ① a 5 (precipitation)  
b 2 (decomposition)  
c 4 (combustion)  
d 1 (combination)  
e 3 (5) (displacement)

- ③ a)  $N_2 + 3H_2 \rightarrow 2NH_3$   
b)  $Na_2CO_3 + 2HCl \rightarrow 2NaCl + H_2O + CO_2$  (2)

- ④ a)  $2Na + 2H_2O \rightarrow 2NaOH + H_2$   
b)  $CaCO_3 + 2HCl \rightarrow CaCl_2 + CO_2 + H_2O$  (2)

②

a) NaOH

Base

b) KCl

Electrolyte

c)  $H_2SO_4$

Acid

d)  $CuCO_3$

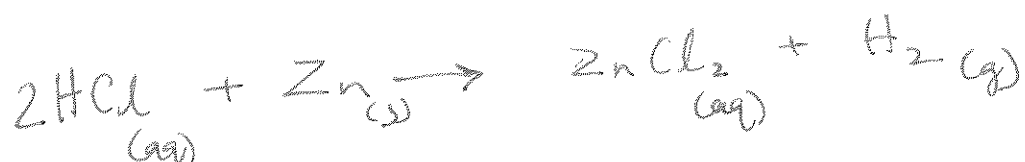
ionic solid/salt,

e)  $CO_2$

gas, acidic oxide

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⑤<sup>a)</sup> hydrochloric acid + Zinc  $\rightarrow$  zinc chloride + hydrogen gas



b) calcium carbonate + sulphuric acid  $\rightarrow$  calcium sulfate + carbon dioxide + water



No need to balance.