

HELLENIC REPUBLIC

UNIVERSITY OF CRETE

Academic English

Section: Listening Salts & Neutralisation Processes

Kallia Katsampoxaki-Hodgetts School of Sciences and Engineering

E2 Wk 4 Listening Salts & Neutralisation Processes

Note-taking task: Complete the missing information.

A 3).....reaction involves an acid and a base forming salt and water

The <u>4</u>)..... of the salt may determine whether it remains in its ionic form, in plus or cations or minus or anions or as a precipitate of the solution. A hydrolysis reaction is the <u>5</u>).....of neutralisation, where the salt and the water go <u>6</u>)..... to form back the acid and the base.

Scenario 4 The reaction of a **weak acid** and a **weak base** such as hypochlorous acid plus ammonia, respectively. So since we have both a weak acid and a weak base, the ph of your overall solution depends on the <u>17</u>) of your reactants.

So the higher the ka, the <u>18</u>), the likelier it is that one of these guys is going to give away its proton. So for this particular scenario, it would end up being basic because the ka of the ammonia is higher than that of the hydrochlorous a- the hypochlorous acid.

Notes

Reference Note

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