Acids and Bases

| Question 1: | | Choose the correct answer for each of the following questions: | | | | |
|-------------|--|--|----------|-------------------|--------------------------------|-------|
| 1.1 | The element present in all acids | | | | | |
| | A | oxygen | В | carbon o | dioxide | |
| | C | nitrogen | D | hydre | | |
| 1.2 | A sample of an acid in a beaker has a pH of 4. An alka. | | | | | pH of |
| | the liquid in the beaker? | | | | | |
| | A | decreases | В | stays the | e same | |
| | C | Increases | D | neutral | | |
| 1.3 | Choose the incorrect combination: | | | | | |
| | A | HNH₄OH – Nitric acid. | В | H ₂ SO | sulphuric ac | |
| | C | HCl - Hydrochloric acid. | D | | rbonic acid. | |
| 1.4 | The colour of blue litmus paper in an acid is | | | | | |
| | A | yellow | В | en | | |
| | C | blue | | | | |
| 1.5 | Which substance is always produced in eaction. ochloric and and lithium? | | | | | |
| | A | water | | hydrogen 8- | | |
| | C | oxygen gas | | on dioxide gas | | |
| 1.6 | Which: | substance is always produ in | the rea. | | n hydrochloric acid and sodium | |
| | hydroxi | ide? | | | | |
| | A | water | | hydrogen gas | | |
| | C | oxygen gas | | ecipitate | | |
| 1.7 | Which formula repr | | | | | |
| | A | кон | | KCI | | |
| | C | СН₃ОН | | CH₃COOH | | |
| 1.8 | T | od of adding an a | irop b | y drop: | | |
| | | neutralisation | В | precipita | ation | |
| | | eva- | D | decomp | osition | [8] |
| Quest. | .ne genera reaction for an | | | acid with | the following compounds: | |
| 2.1 | Base: | | | | | |
| 2.2 | Carbonate: | | | | | |
| 2.3 | Metal: | | | -(8)-5 | turdvehamo-co. | za |

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