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| State whether the given statements areTrue or false?  1. Bases change litmus paper to blue. |
| 2. Ammonia is an acid. |
| 3. Properties of acids include being corrosive and having a sour taste. |
| 4. Sulfuric acid is known as a strong acid. |
| 5 Base solutions have a pH below 7. |
| 6. The chemical formula for sulfuric acid is H2SO4. |
| 7. Lemons contain citric acid. |
| 8. An alkali is an acid. |
| 9. An anion is an ion with more electrons than protons, giving it a negative charge. |
| 10. Neutral solutions have a pH of 0. |
| 11. Acids change litmus paper to red. |
| 12. The word acid comes from the Latin word acidus (meaning sour). |
| 13. The chemical formula for sodium hydroxide is NaH. |
| 14. A cation is an ion with more protons than electrons, giving it a positive charge. |
| 15 Acetic acid gives vinegar a sour taste and strong smell. |
| 16. Acid solutions have a pH above 7. |
| 17. Formic acid is found in bee venom. |
| 18. Sodium hydroxide is known as a weak base. |
| 19. DNA is an abbreviation for deoxyribonucleic acid. |
| 20. Potassium hydroxide contains potassium, oxygen and helium. |

**Syllabus for 3rd schedule test**

**ACIDS AND BASES**